

October 28, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 15-24-9-15, 16-24-9-15, 3-25-9-15, 6-25-9-15, 8-25-9-15, 9-25-9-15, 10-25-9-15, 15-25-9-15, and 16-25-9-15.

#### Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 15-24-9-15, 6-25-9-15, 8-25-9-15, and 10-25-9-15 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

Mandie Cuzies

mc

enclosures

RECEIVED OCT 3 1 2005

DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)			FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004		
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.				
BUREAU OF LAND MANAC	GEMENT		UTU-66185		
APPLICATION FOR PERMIT TO DE	RILL OR REENTER		6. If Indian, Allottee or Tr	ibe Name	
			N/A		
la. Type of Work: DRILL REENTER	<u> </u>		7. If Unit or CA Agreement, Name and No.		
	•		Ashley		
1b. Type of Well: Single Zone Multiple Zone			8. Lease Name and Well No. Ashley Federal 3-25-9-15		
Name of Operator     Newfield Production Company			9. API Well No	ساره ده	
3a. Address	3b. Phone No. (include area code)			-32945	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		10. Field and Pool, or Exploratory		
4. Location of Well (Report location clearly and in accordance with			11. Sec., T., R., M., or Blk. a	nd Survey or Area	
At surface NE/NW 716' FNL 2029' FWL 5(9817)			11. 500., 1., 10, 111., 01 Dikt a	na barroy or rirou	
	110.182022	,	NE/NW Sec. 25, T9	S R15E	
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
Approximatley 16.3 miles southwest of Myton, Utah			Duchesne	UT	
location to nearest			ng Unit dedicated to this well		
property or lease line, ft. (Also to nearest drig. unit line, if any)  Approx. 716' f/lse, 3251' f/unit	2,286.43		40 Acres		
18. Distance from proposed location* to nearest well, drilling, completed,	19. Proposed Depth	20. BLM/E	BIA Bond No. on file		
applied for, on this lease, ft. Approx. 870'	5775'		UT0056		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration		
6146' GL	1st Quarter 2006		Approximately seven (7) days from spud to rig release.		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be at	tached to this	form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Lands, the Lands, the Lands, the Lands, the Lands, the Lands, the Lands	ation. specific info	is unless covered by an existing	,	
	authorized office	er.			
25. Signature (Printed/Typed) Mandie Crozier			Date	1/28/05	
Title Regulating Specialist				,	
Approved by (Signature)	BRADLEY G. H		Date	-02-05	
Title	ENVIRONMENTAL SCIE	<del>NTIST III</del>			
Application approval does not warrant or certify the the applicant holds le operations thereon.  Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject l	ease which would entitle the ap	pplicant to conduct	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to		d willfully to	make to any department or a	gency of the United	

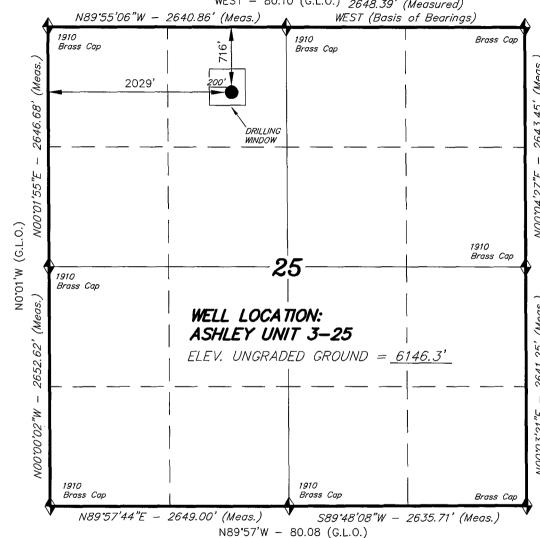
Federal Approval of this Action is Necessary

\*(Instructions on reverse)

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### T9S, R15E, S.L.B.&M.

WEST - 80.10 (G.L.O.) 2648.39' (Measured)

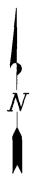


= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

#### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 3-25. LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 25, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THATO PREPARED FROM FIELD MADE BY ME OR UND THE SAME ARE TRUK MY KNOWLEDGE AND

#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 8-22-05	DRAWN BY: F.T.M.
NOTES:	FILE #

#### NEWFIELD PRODUCTION COMPANY ASHELY FEDERAL #3-25-9-15 NE/NW SECTION 25, T9S, R15E DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### **DRILLING PROGRAM**

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' - 2355' Green River 2355' Wasatch 5775'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2355' - 5775' - Oil

#### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

#### NEWFIELD PRODUCTION COMPANY ASHLEY FEDERAL #3-25-9-15 NE/NW SECTION 25, T9S, R15E DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #3-25-9-15 located in the NE 1/4 NW 1/4 Section 25, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly -12.0 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed southwesterly along the proposed access road  $4.840^{\circ}$  + to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces equipment will be painted Olive Black.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

#### 8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 8/29/05. See attached report cover pages, Exhibit "D".

For the Ashley Federal #3-25-9-15 Newfield Production Company requests 1020' of disturbed area be granted in Lease UTU-74391, 2060' of disturbed area be granted in Lease UTU 02458, and 1760' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests requests 1020' of disturbed area be granted in Lease UTU-74391, 2060' of disturbed area be granted in Lease UTU 02458, and 1760' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests requests 1020' of disturbed area be granted in Lease UTU-74391, 2060' of disturbed area be granted in Lease UTU 02458, and 1760' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

#### Threatened, Endangered, And Other Sensitive Species

In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

#### **Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

#### **Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale Atriplex Confertifolia 3 lbs/acre
Fourwing Saltbush Atriplex Canescens 4 lbs/acre
Winter Fat Ceratoides Lanata 4 lbs/acre
Wyoming Big Sage 1 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Ashley Federal #3-25-9-15 was on-sited on 6/9/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

#### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### **Certification**

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-25-9-158 NE/NW Section 25, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filling of a false statement.

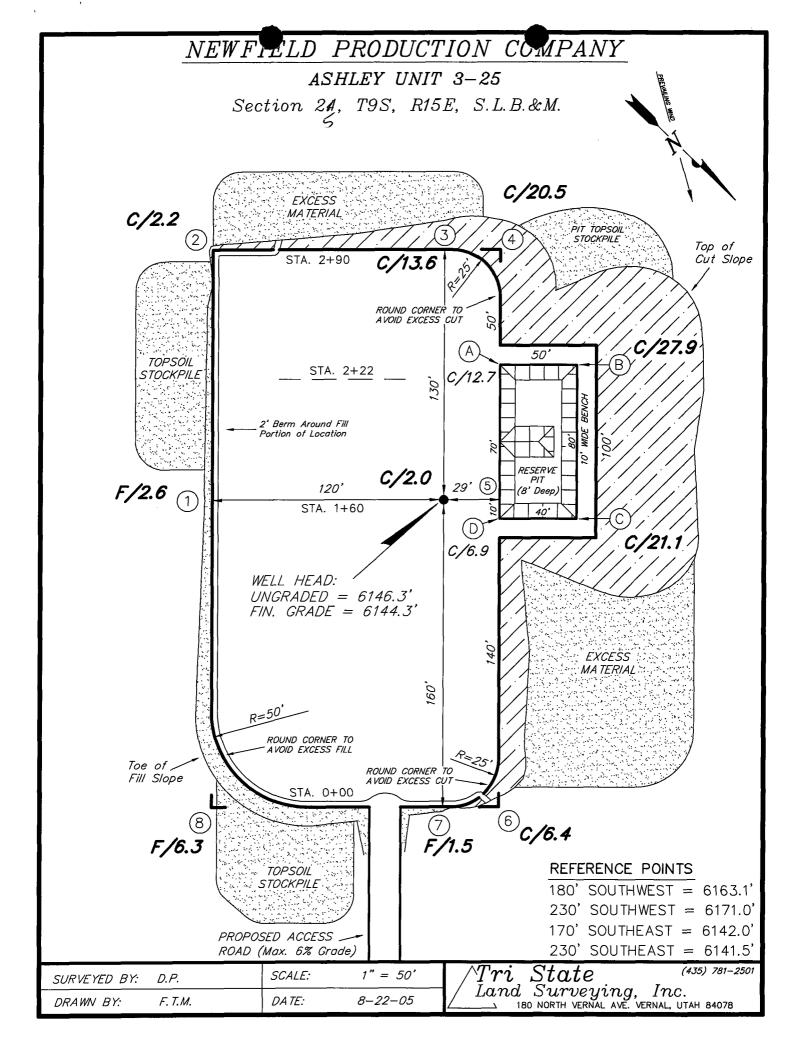
October 29, 2005

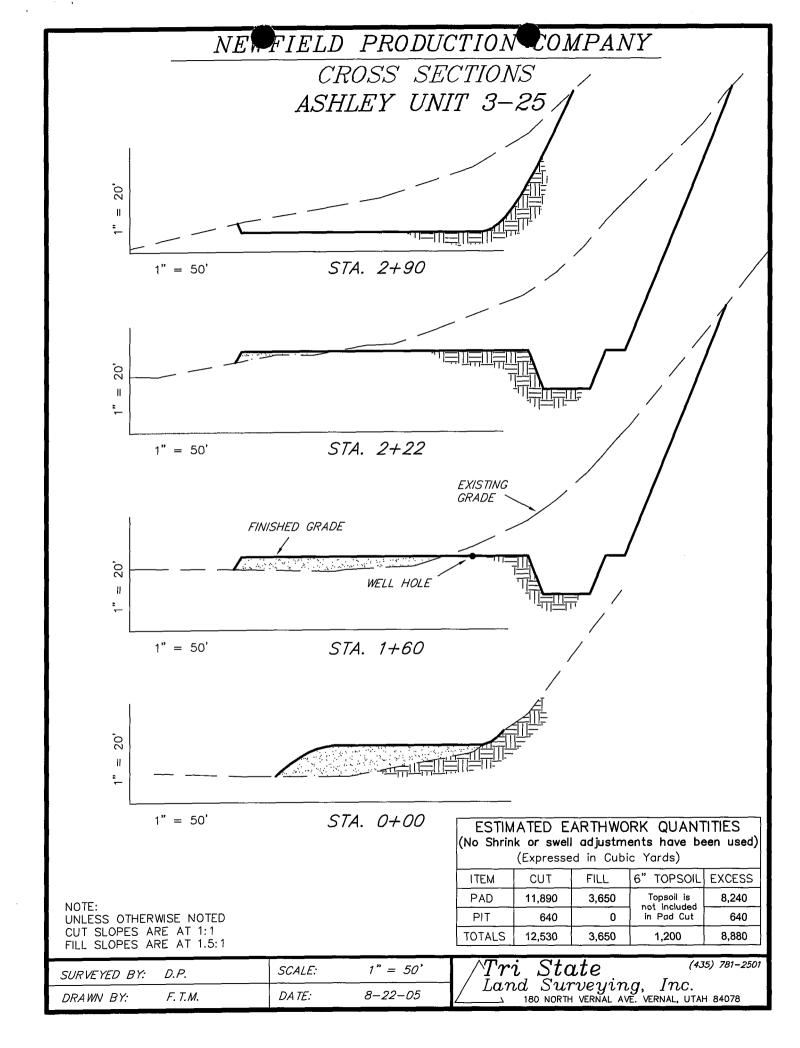
Date

Mandie Crozier

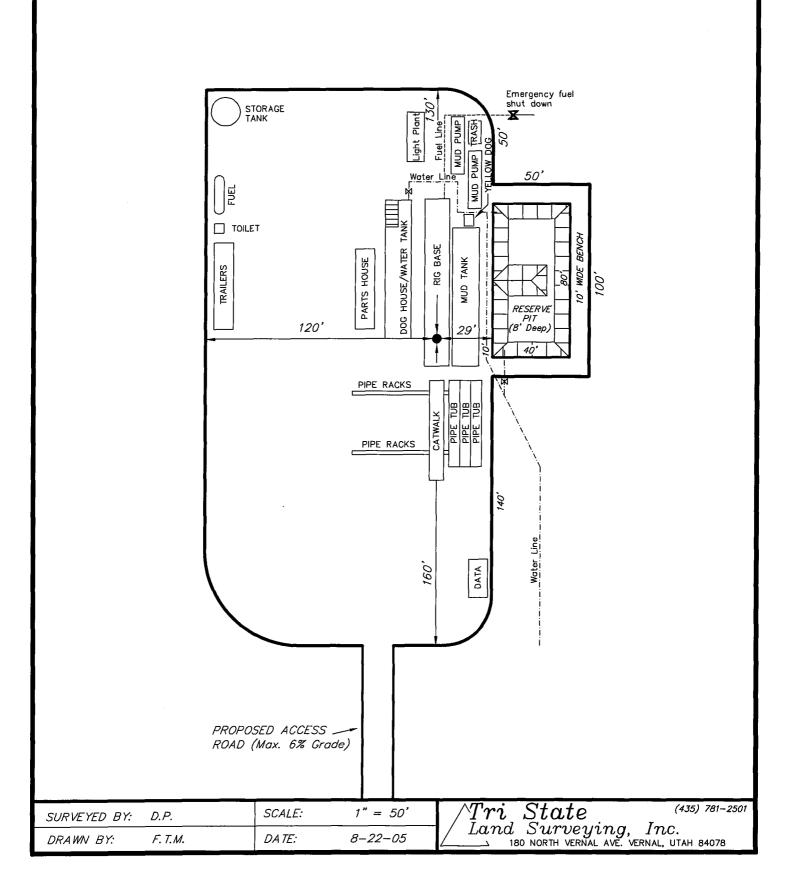
Regulatory Specialist

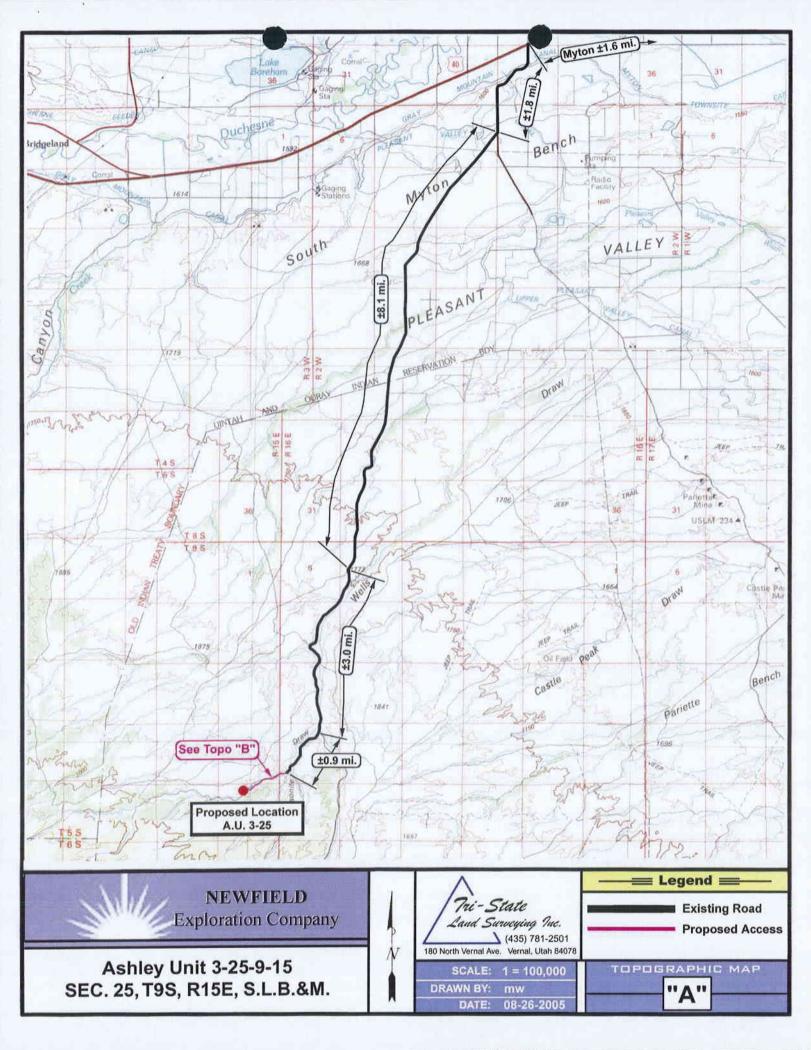
Newfield Production Company

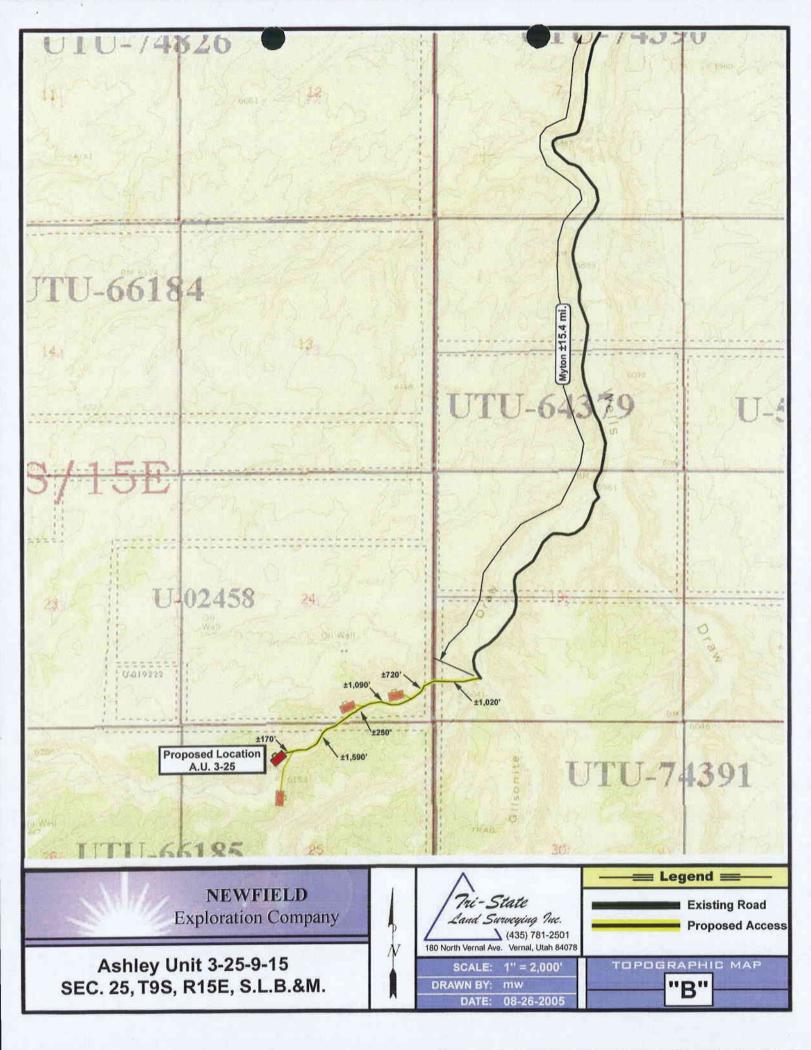


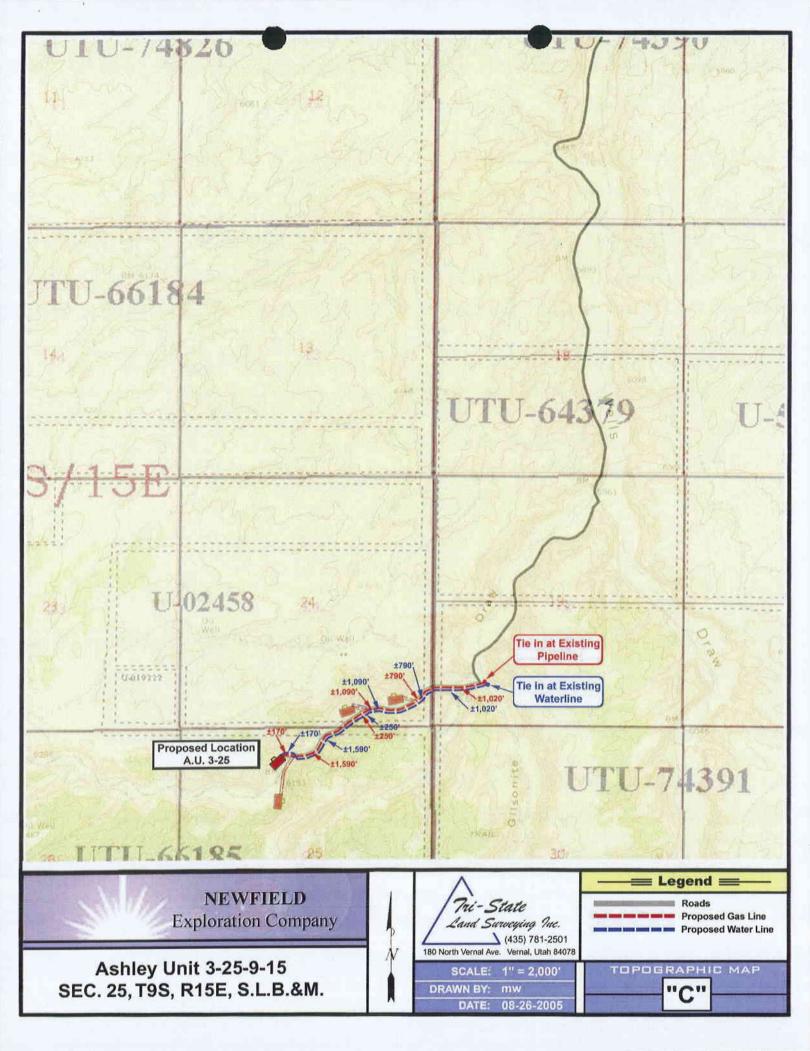


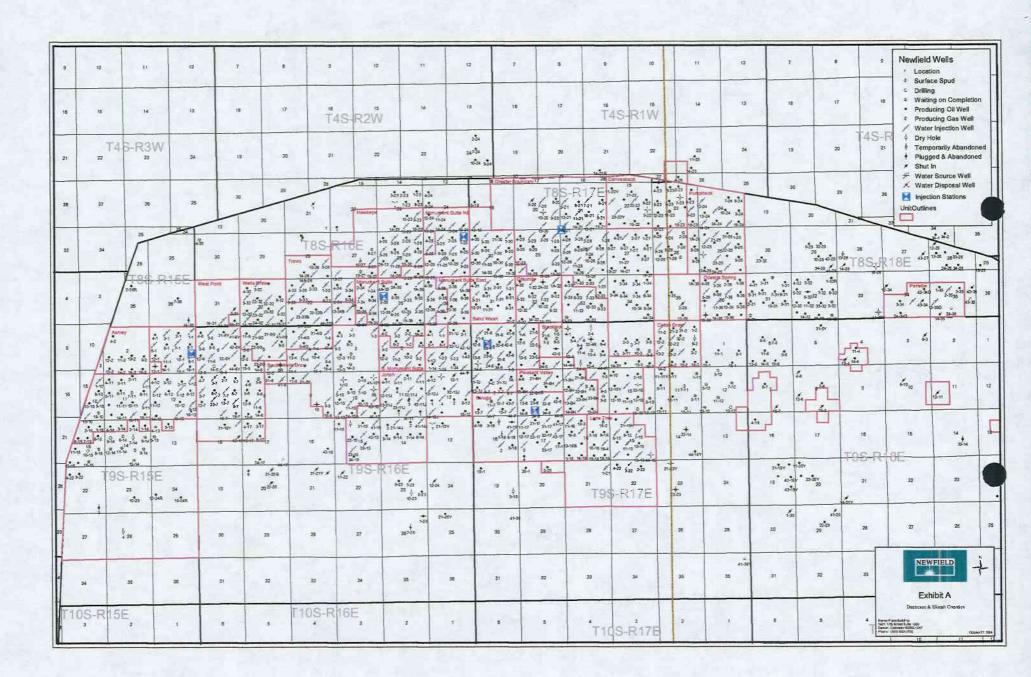
# NEWFIELD PRODUCTION COMPANY TYPICAL RIG LAYOUT ASHLEY UNIT 3-25

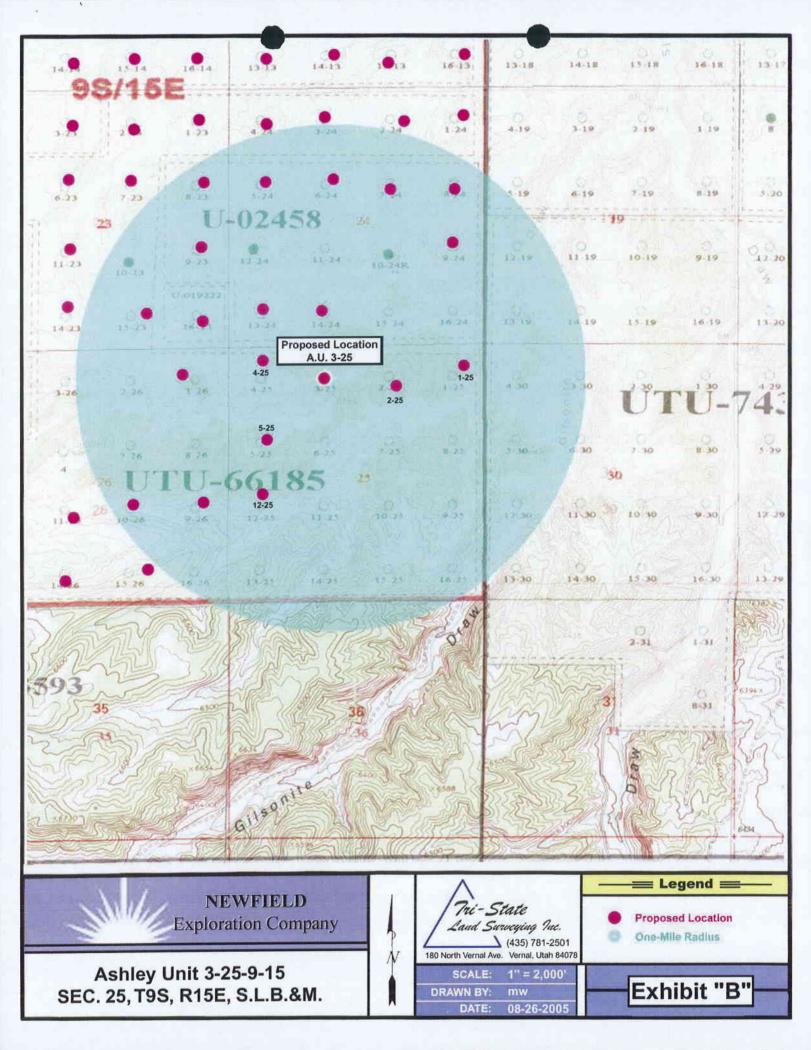






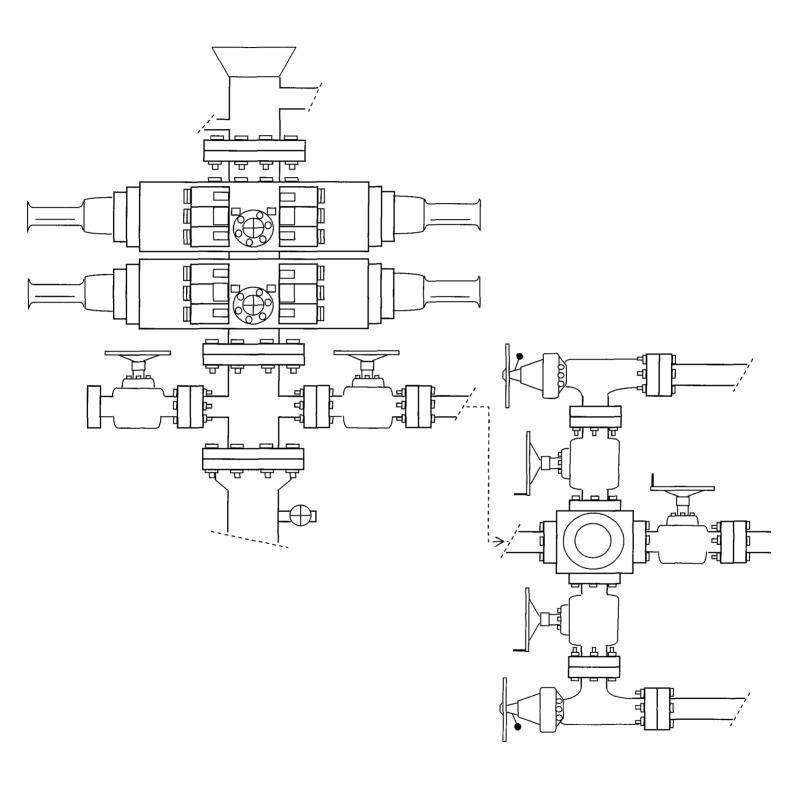






### 2-M SYSTEM

Blowout Prevention Equipment Systems



**EXHIBIT C** 

Exhibit "D"

Page 1 of 4

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL IN TOWNSHIP 9 SOUTH, RANGE 15 EAST SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

Ву:

Kylie Lower-Eskelson and Keith Montgomery

Prepared For:

Bureau of Land Management
 Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Route 3 Box 3630 Myton, Utah 84052

Prepared By:

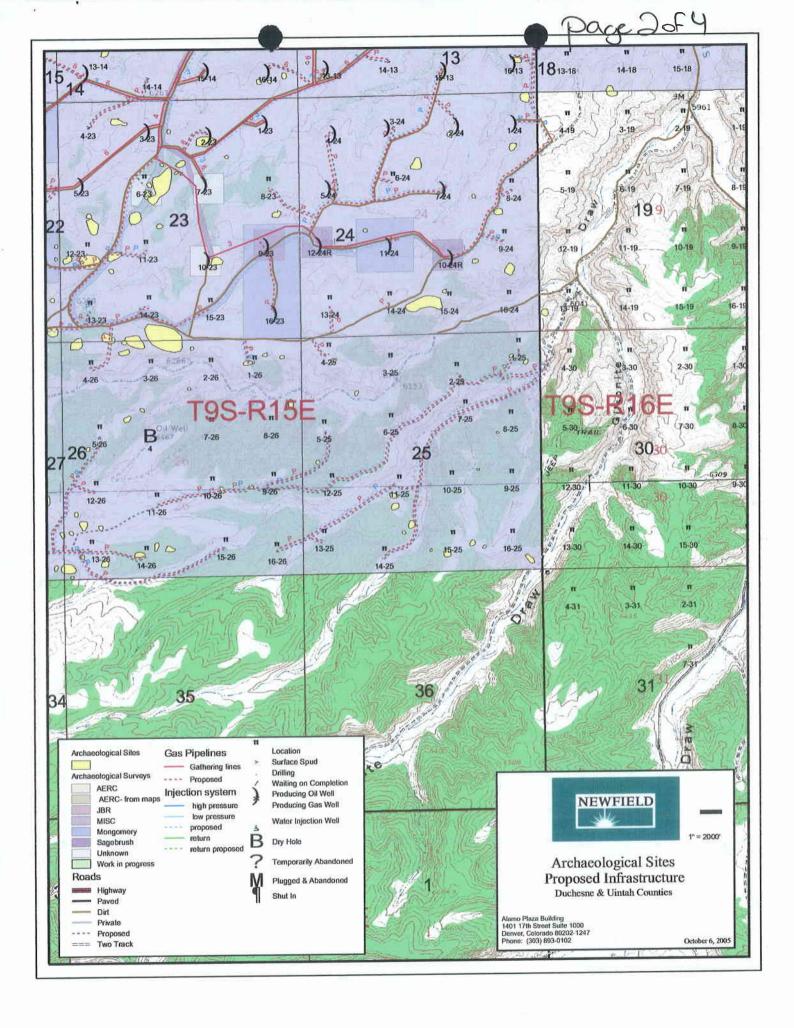
Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 04-205

June 28, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1417b



#### NEWFIELD PRODUCTION COMPANY

## PALEONTOLOGICAL SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

NE1/4, NW 1/4 Section 34, T 9 S, R 15 E [3-34-9-15]; Entire Section 25, T 9 S, R 15 E [1 through 16-25-9-15]; Entire Section 26, T 9 S, R 15 E [1 through 16-26-9-15]

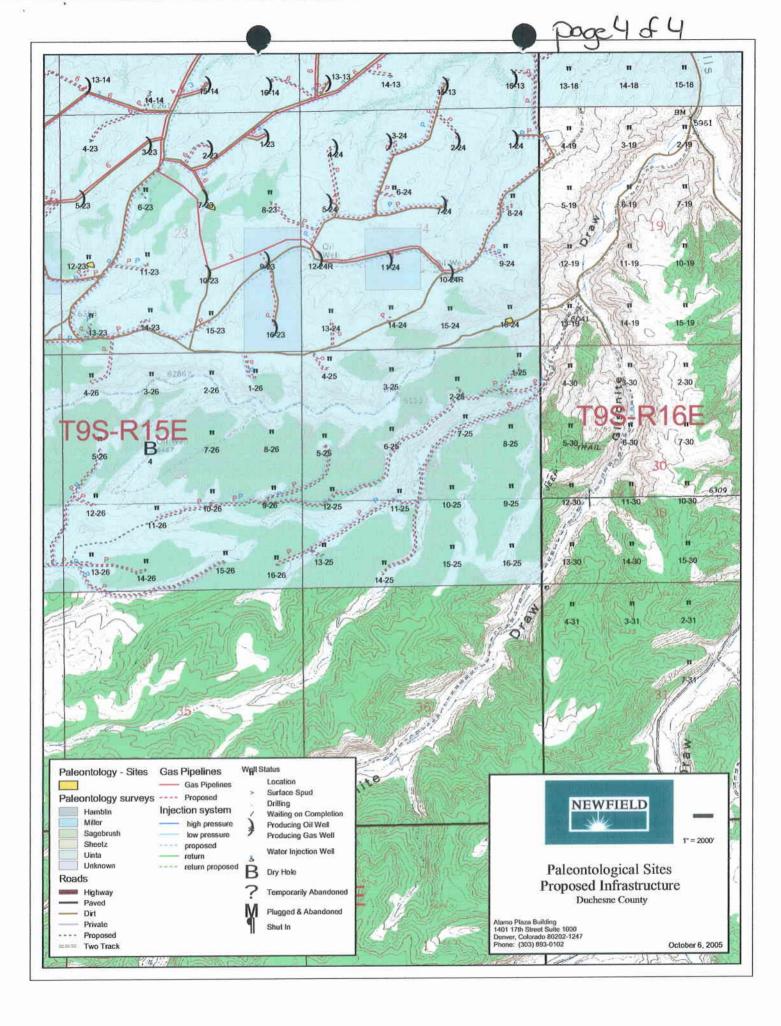
#### REPORT OF SURVEY

Prepared for:

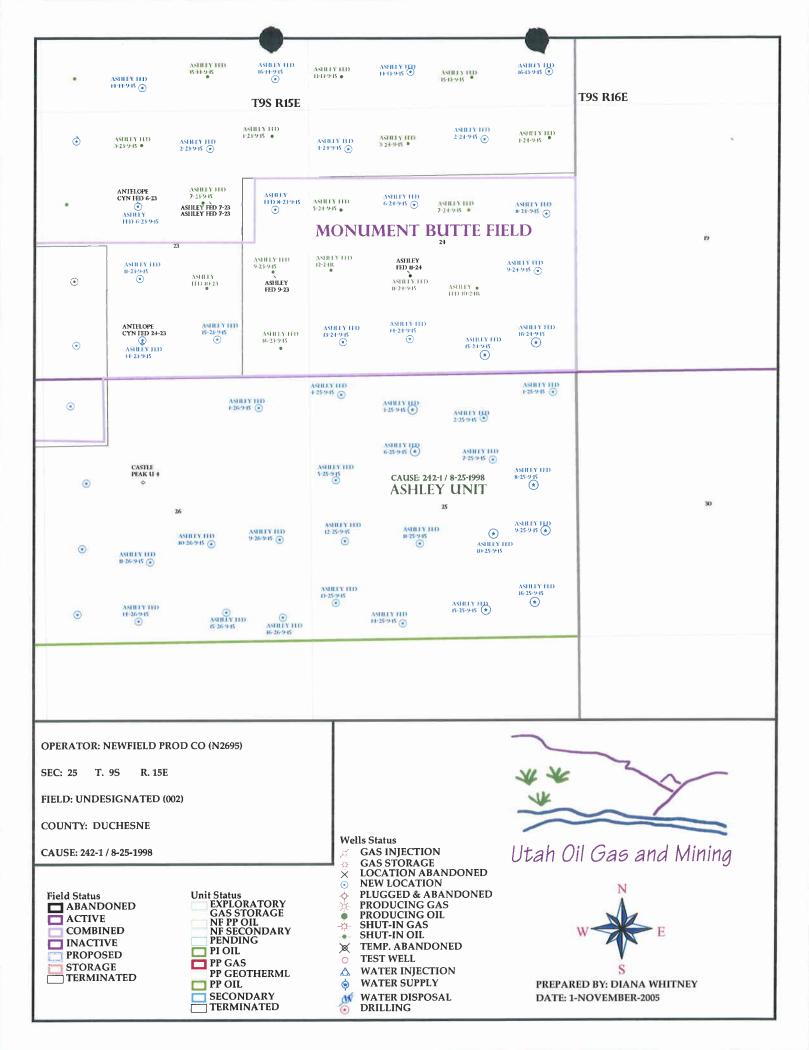
**Newfield Production Company** 

Prepared be:

Wade E. Miller Consulting Paleontologist August 29, 2005



APD RECEIVE	ED: 10/31/2005	API NO. ASSIGNED: 43-013-32945			
WELL NAME: OPERATOR: CONTACT:  PROPOSED LO NENW SURFACE BOTTOM: DUCHESNI UNDESIGN LEASE TYPE:	ASHLEY FED 3-25-9-15  NEWFIELD PRODUCTION ( N2695  MANDIE CROZIER  CCATION:  25 090S 150E  : 0716 FNL 2029 FWL  0716 FNL 2029 FWL		35-646-3721	Date	
PROPOSED FO	ER: 1 - Federal RMATION: GRRV HANE WELL? NO	LATITUDE: 40.0			
Plat Bond: (No. Potasi Ni Oil Si Water (No. RDCC ii (Date	nale 190-5 (B) or 190-3 or 190-13  Permit  MUNICIPAL  Review (Y/N)	R649-3-3. E  Drilling Uni  Board Cause  Eff Date:  Siting: Sus	eneral  com Qtr/Qtr & 920' E  xception  t  No: 242-1	18 Sting	
COMMENTS:	Sop, Seperate Silv : 1- Sidera ( Oapprum (				



### **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 2, 2005

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

API#

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Ashley Unit, Duchesne County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

(Proposed PZ Green River)

WELL NAME

LOCATION

43-013-32943 Ashley Fed 15-24-9-15 Sec 24 T09S R15E 0358 FSL 1810 FEL 43-013-32944 Ashley Fed 16-24-9-15 Sec 24 T09S R15E 0590 FSL 0799 FEL 43-013-32945 Ashley Fed 3-25-9-15 Sec 25 T09S R15E 0716 FNL 2029 FWL 43-013-32946 Ashley Fed 6-25-9-15 Sec 25 T09S R15E 1546 FNL 2069 FWL 43-013-32947 Ashley Fed 8-25-9-15 Sec 25 T09S R15E 2248 FNL 0857 FEL 43-013-32948 Ashley Fed 9-25-9-15 Sec 25 T09S R15E 2121 FSL 0630 FEL 43-013-32949 Ashley Fed 10-25-9-15 Sec 25 T09S R15E 2082 FSL 1661 FEL 43-013-32950 Ashley Fed 15-25-9-15 Sec 25 T09S R15E 0570 FSL 1822 FEL 43-013-32951 Ashley Fed 16-25-9-15 Sec 25 T09S R15E 0708 FSL 0850 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:11-2-05



Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

November 2, 2005

Newfield Production Rt. #3, Box 3630 Myton, UT 84052

Re:

Ashley Federal 3-25-9-15 Well, 716' FNL, 2029' FWL, NE NW, Sec. 25,

T. 9 South, R. 15 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32945.

Sincerely,

Gil Hunt

Associate Director

pab .

**Enclosures** 

cc:

**Duchesne County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production			
Well Name & Number	Ashley Federal 3-25-9-15			
<b>API Number:</b> 43-013-32945				
Lease:	UTU-66185			
Location: NE NW	Sec. 25	<b>T.</b> 9 South	R. <u>15 East</u>	

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

## RECEIVED AUG 0 4 2006

RECEIVED

OCT 3 1 2005

Form 3160-3 (September 2001) DIV. OF OIL, GAS & MINING

MINING BLM VERNAL, UTAH UNITED STATES

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

DEPARTMENT OF THE IN	TEDIOD		5. Lease Serial No.			
BUREAU OF LAND MANAC	UTU-66185					
_ +			6. If Indian, Allottee or	Tribe Name		
APPLICATION FOR PERMIT TO DE	CILL OR REENTER		N/A			
1a. Type of Work: 🖾 DRILL 🔲 REENTER			7. If Unit or CA Agreement, Name and No.			
			Ashley			
Ib. Type of Well: ☑ Oil Well ☑ Gas Well ☑ Other ☑ Single Zone ☑ Multiple Zone			8. Lease Name and Well	8. Lease Name and Well No.		
lb. Type of Well: 🗵 Oil Well 🚨 Gas Well 🚨 Other	Ashley Federal 3-25	5-9-15 				
2. Name of Operator			9. API Well No.			
Newfield Production Company			<u>43.613.3</u> 2	945		
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Exploratory			
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte			
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)		11. Sec., T., R., M., or Bl	k. and Survey or Area		
At surface NE/NW 716' FNL 2029' FWL			NEWBALL OF OF	T00 D45E		
At proposed prod. zone			NE/NW Sec. 25,	T9S R15E		
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State		
Approximatley 16.3 miles southwest of Myton, Utah			Duchesne	UT		
15. Distance from proposed*	16. No. of Acres in lease	17. Spacin	g Unit dedicated to this wel	I		
location to nearest		]				
property or lease line, ft. (Also to nearest drig. unit line, if any)  Approx. 716' f/lse, 3251' f/unit	2,286.43		40 Acres			
18. Distance from proposed location*	19. Proposed Depth	20. BLM/I	BIA Bond No. on file			
to nearest well, drilling, completed,			UT0056			
applied for, on this lease, ft. Approx. 870'	5775'					
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	art*	23. Estimated duration			
6146' GL	1st Quarter 2006		Approximately seven (7) days from spud to rig release.			
	24. Attachments					
The following, completed in accordance with the requirements of Onsho	re Oil and Gas Order No.1, shall be a	tached to thi	s form:			
Well plat certified by a registered surveyor.	4. Bond to cover	the operation	ns unless covered by an ex	isting bond on file (se		
A Drilling Plan.	Item 20 above).		·			
3. A Surface Use Plan (if the location is on National Forest System	Lands, the 5. Operator certification 6. Such other site	cation.	ormation and/or plans as r	nay be required by th		
SUPO shall be filed with the appropriate Forest Service Office).	authorized office		ornation and or pants as r	nay be required by in		
25. Signature	Name (Printed/Typed)		¦ D	ate 100 ho		
YY lande (rosen	Mandie Crozier			U/00/U-		
Title Pagulatany Spacialist				•		
Regulatory Specialist	Nome (D. ' - J/T	.,.		late		
Approved by (Signature)	Name (Printed/Typed)		1 12			

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Title

CONDITIONS OF APPROVAL ATTACHE!

VERNA FIRLD OFFICE

Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

MOTICE OF APPROVAL



(Notify Petroleum Engineer)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: NENW, Sec. 25, T9S, R15E Well No: Ashley Federal 3-25-9-15 Lease No: UTU-66185 API No: 43-013-32945 Agreement: Ashley Unit

Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Office: 435-781-4432 Cell: 435-828-7875 Michael Lee Petroleum Engineer: Office: 435-781-4502 Cell: 435-828-3913 Supervisory Petroleum Technician: Jamie Sparger Cell: 435-828-4029 **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Office: 435-781-4484 **Environmental Scientist:** Karl Wright Natural Resource Specialist: Chris Carusona Office: 435-781-4441 Office: 435-781-4404 Holly Villa Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Natural Resource Specialist: Office: 435-781-4437 Natural Resource Specialist: Scott Ackerman Office: 435-781-4447 Natural Resource Specialist: Nathaniel West FAX: (435) 781-4410 After hours contact number: (435) 781-4513

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

<del></del>	
Location Construction (Notify Chris Carusona)	<ul> <li>Forty-Eight (48) hours prior to construction of location and access roads.</li> </ul>
Location Completion (Notify Chris Carusona)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger SPT)	<ul> <li>Twenty-Four (24) hours prior to running casing and cementing all casing strings.</li> </ul>
BOP & Related Equipment Tests (Notify Jamie Sparger SPT)	<ul> <li>Twenty-Four (24) hours prior to initiating pressure tests.</li> </ul>
First Production Notice	- Within Five (5) business days after new well begins or

production resumes after well has been off production

for more than ninety (90) days.

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### DRILLING AND CONSTRUCTION

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.

The reserve pit shall be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud shall remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit). Prevent fill and stock piles from entering drainages.

#### CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION

Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder shall be responsible for the cost of evaluation and a decision as to proper mitigation

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measures shall be made by the authorized officer after consulting with the holder. The access road shall be crowned and ditched. Flat-bladed roads are **NOT** allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

All well facilities not regulated by OSHA shall be painted Olive Black.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

#### INTERIM RECLAMATION

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

Interim Reclamation Seed Mix for location:

Crested wheat grass Agropryon cristatum

4 lbs/acre

Per Live Seed Total

4 lbs/acre

Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.

There shall be no primary or secondary noxious weeds in the seed mixture. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

#### COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

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Well: Ashley Federal 3-25-9-15

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (Olive Black). All facilities shall be painted within twelve (12) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

#### ABANDONED WELL - FINAL RECLAMATION

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.

The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and <u>fenced to exclude livestock.</u> The fence shall remain in place. It shall be removed prior to approval of final abandonment.

The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

When seeding Artemsia spp or shrubs, broadcast seed and chain.

Final reclamation shall be a stage process:

If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).

30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.

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Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.

Reseed within 30 days with an approved native final reclamation seed mix.

Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.

#### **LEASE STIPULATIONS:**

#### UTU-66185

No occupancy or other surface disturbance in Sec. 25; NE, NENW, S2NW, S2 Sec. 26... T. 9 S., R. 15 E., SLM, Utah, will be allowed on slopes in excess of 40 percent, without written permission from the authorized office of the Bureau of Land Management.

In order to minimize watershed damage during the period from November 1 to April 30, exploration, drilling, and other development activity in Sec. 25; NE, NENW, S2NW, S2 Sec. 26; T. 9 S., R. 15 E., SLM, Utah, will be allowed only during dry soil periods, over a snow cover or frozen ground.

In order to protect big game seasonal wildlife habitat, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1.

No drilling or construction from April 1 through July 15 to protect nesting prairie falcons.

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#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

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for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
  Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
  until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
  written report requirement. Any additional construction, reconstruction, or alterations of
  facilities, including roads, gathering lines, batteries, etc., which will result in the
  disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
  Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
  Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report
  of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in
  which operations commence and continue each month until the well is physically
  plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals
  Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports will be

submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
   "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

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Unless the plugging is to take place immediately upon receipt of oral approval, the Field
Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging
of the well, in order that a representative may witness plugging operations. If a well is
suspended or abandoned, all pits must be fenced immediately until they are backfilled.
The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within
30 days after the actual plugging of the well bore, showing location of plugs, amount of
cement in each, and amount of casing left in hole, and the current status of the surface
restoration.

## DIVISION OF OIL, GAS AND MINING

#### **SPUDDING INFORMATION**

Name of Company:	: NEWFIELD PRODUCTION COMPANY				
Well Name:	AS	SHLEY	FED 3-25-9-	15	
Api No: 43-013-3	32945		Lease Type:	FEDI	ERAL
Section 25 Townsh	ip <u>09S</u>	_Range_	15E	_County	DUCHESNE
Drilling Contractor	NDSI			RIG #_	NS#1
SPUDDED:					
Date	09/21	/06			
Time	3:00	PM			
How	DRY		<del>_</del>		
Drilling will Comm	ence:				
Reported by	JOH	INNY D	AVIS		
Telephone #	(435	s) 823-36	10	· · · · · · · · · · · · · · · · · · ·	
Date <u>09/25/06</u> S	igned	СН	<b>D</b>	·	

FORM 3160-5 (September 2001)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

SUNDRY N	OTICES AND	REPORTS O	N WELLS
Do not use this	form for prop	osals to drill or	r to re-enter an
abandoned well.	Use Form 310	60-3 (APD) for	such proposals

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				ASHLEY PA A	-
1. Type of Well	ASHLET FA A				
- On won - out went	Other			8. Well Name an	d No.
2. Name of Operator				ASHLEY 3-25-	9-15
NEWFIELD PRODUCTION CO	MPANY			9. API Well No.	
3a. Address Route 3 Box 3630		1	lude are code)	4301332945	
Myton, UT 84052	- T D 1/ - C - D	435,646,3721			ol, or Exploratory Area
4. Location of Well (Footage, S	Sec., T., R., M., or Survey Descrip	uon)		MONUMENT	
				11. County or Pa	rish, State
NENW Section 25 T9S R15E				DUCHESNE,	UT
12. CHECK	APPROPRIATE BOX(ES	S) TO INIDICAT	TE NATURE OF 1	NOTICE, OR O	THER DATA
TYPE OF SUBMISSION			TYPE OF ACTIO	N	
	<b>.</b>				
☐ Notice of Intent	Acidize	Deepen		ion(Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclam		Well Integrity
Subsequent Report	Casing Repair	New Construc	= :		<b>X</b> Other
Diring Alandanian	Change Plans	Plug & Aband	on 🛄 Tempor	arily Abandon	Spud Notice
Final Abandonment	Convert to	Plug Back	☐ Water I	Disposal	
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hereby certify that the foregoing is	true and	Title			
correct (Printed/ Typed)			Γ		
Johnny Davis Drilling Forem					
Signature	Mario-	Date 09/25/2	006°		
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Approved by			Title	Da	te
Conditions of approval, if any, are attache ertify that the applicant holds legal or eq	uitable title to those rights in the subje		Office		
which would entitle the applicant to cond	LLC C C 1010	. , .	1 1 710 11 4 1		

(Instructions on reverse)

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

SEP 2 6 2006

# RECEIVED SEP 27 2006

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3830

MYTON, UT 84052

OPERATOR ACCT, NO.

N2695

STATE OF UTAH DIVISION OF OIL, GAS AND MINING **ENTITY ACTION FORM -FORM 6** 

- O MINING

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NOTE: Us	COMMENT : 60fm	n fo explain why each A	Action Code was selected.					å	Production Analy	BT.	September 27, 2006 Date

- 8 AGE REWARE is existing only (proup or unit well)
- C Re-assign well from one existing entity to entitle existing earlier
- 0 Re-assignment from one extent of entity to a new sally
- E. Other (capitals in comments section)

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89/27/2006

FORM 3160-5 (September 2001)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31 2004

5. Lease Serial No.

TICA LITTI 66195

CUMPBY MOTICES AND REPORTS ON WELLS

I NO HOLO AND M				USA 010-00165								
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.  SUBMIT IN TRIPLICATE - Other Instructions on reverse side  1. Type of Well  Oil Well  Gas Well  Other												
							2. Name of Operator         NEWFIELD PRODUCTION COMPANY         3a. Address       Route 3 Box 3630         Myton, UT 84052       435,646,3721					
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	TYP	E OF ACTIO	N									
Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclama Recomp	ation blete arily Abandon	Water Shut-Off Well Integrity Other								
	this form for proposa yell. Use Form 3160-3  RIPLICATE - Other  Other  OMPANY  Sec T., R., M., or Survey E  K APPROPRIATE BO  Acidize Alter Casing Casing Repair Change Plans	RIPLICATE - Other Instructions on reverse si  Other  OMPANY  3b. Phone (include are 435.646.3721  Sec T R., M., or Survey Description)  K APPROPRIATE BOX(ES) TO INIDICATE NATE Acidize  Acidize  Casing Repair  Casing Repair  Change Plans  Plug & Abandon	this form for proposals to drill or to re-enter an vell. Use Form 3160-3 (APD) for such proposals.  RIPLICATE - Other Instructions on reverse side  Other  OMPANY  3b. Phone (include are code) 435.646.3721  Sec T R., M., or Survey Description)  K APPROPRIATE BOX(ES) TO INIDICATE NATURE OF 1  TYPE OF ACTION  Acidize Deepen Product Reclam Reclam New Construction Recomp Change Plans Plug & Abandon Tempor	this form for proposals to drill or to re-enter an vell. Use Form 3160-3 (APD) for such proposals.  RIPLICATE - Other Instructions on reverse side  Other  3. Well Name and ASHLEY PA A  SHLEY 3-25-  OMPANY  3b. Phone (include are code) 4301332945  10. Field and Poor 4301332945  10. Field and Poor 4301332945  10. Field and Poor 4301332945  11. County or Part  DUCHESNE, 1  K APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER STATES OF ACTION  TYPE OF ACTION  Acidize Deepen Production(Start/Resume) Alter Casing Fracture Treat Reclamation Casing Repair New Construction Recomplete Change Plans Plug & Abandon Temporarily Abandon								

proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project:

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

Title	
Regulatory Specialist	
Date 11/02/2006	
EDERAL OR STATE OFFIC	E USE
Title	Date
t or Office	DECEIVED
	Regulatory Specialist  Date 11/02/2006  EDERAL OR STATE OFFIC  Title

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

NOV U 6 2006

FORM 3160-5 (September 2001)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill or to re-enter an	
abandoned well. Use Form 3160-3 (APD) for such proposals.	

If Indian	Allottee or Tribe Name	

Do not use the abandoned we	6. If Indian, Allottee or Tribe Name.				
No. 12 Part 1 Part 1		7. If Unit or CA/Agreement, Name and/or ASHLEY PA A			
1. Type of Well	ASHLET PA A				
	Other			8. Well Name and	
2. Name of Operator	N 60 1 NT			ASHLEY 3-25-9	-15
NEWFIELD PRODUCTION CO 3a. Address Route 3 Box 3630	MPANY	3b. Phone (include ar	n sada)	9. API Well No.	
Myton, UT 84052		435.646.3721	e coue)	4301332945	, or Exploratory Area
	Sec., T., R., M., or Survey Descri			MONUMENT B	•
	, 1.,,1., 1.1, 0. 0. 1. 1. 1. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	· · · · · · · · · · · · · · · · · · ·		11. County or Par	
NENW Section 25 T9S R15E				DUCHESNE, L	T
12. CHECK	APPROPRIATE BOX(E	S) TO INIDICATE N	ATURE OF N	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYF	E OF ACTION	<u> </u>	
□ Notice of Intent □ Subsequent Report □ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclama Recompl	ete rily Abandon	Water Shut-Off Well Integrity Other Weekly Status Report
cement & shoe. Drill a 7.8 log's TD to surface. PU & with 330 sks cement mixe	BLM field, & Roosevelt DG 375 hole with fresh water to TIH with Guide shoe, sho ed @ 11.0 ppg & 3.43 yld. ople down Bop's. Drop slip	o a depth of 5775'. Lay e jt, float collar, 133 jt's Then 400 sks cement i	down drill stri of 5.5 J-55, 1 mixed @ 14.4	ng & BHA. Oper 5.5# csgn. Set ( ppg & 1.24 yld.	n hole log w/ Dig/SP/GR
I hereby certify that the foregoing is	true and	Title			
Correct (Printed/ Typed) Justin Crum		Drilling Foren	nan		
Signature		Date			
(Justin)	( sum)	10/07/2006			***
	Segundary Stractors	Record Local Control (No. 81)	r village i	1 1 6	
Approved by  Conditions of approval, if any, are attach certify that the applicant holds legal or ec	ed. Approval of this notice does not	warrant or oject lease Office		Dat	e
which would entitle the applicant to cond	luct operations thereon.		****		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent	3 U.S.C. Section 1212, make it a crim statements or representations as to a	ne for any person knowingly and ny matter within its jurisdiction	willfully to make to	any department or ag	ency of the United

(Instructions on reverse)

## **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

			5 1/2"	CASING SET	AT	5763.2			
					Flt cllr @				
LAST CASIN	NG <u>8 5/8"</u>	SET A	AT 3 <u>23</u>		OPERATOR	₹	Newfield F	Production C	ompany
DATUM	12' KB				WELL	Ashley Fe	deral 3-25-	9-15	
DATUM TO	CUT OFF C	ASING _	12'		FIELD/PRO	SPECT _	Monumen	t Butte	
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	OR & RIG#		NDSI rig #2	
TO DRILLER	5775'	LOGGI	ER						
HOLE SIZE	7 7/8"			<del></del>					
LOG OF CA	SING STRIN	IG:						······································	
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt							14
		Short jt	6.05' (4007'						
134	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	5734.85
									0.6
1	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	Α	15.1
			GUIDE	shoe			8rd	Α	0.65
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING		5765.2
TOTAL LENGTH OF STRING 5765.2 135			135	LESS CUT OFF PIECE				14	
LESS NON (	CSG. ITEMS		15.25		PLUS DATU	IM TO T/CUT	OFF CSG	L	12
PLUS FULL	JTS. LEFT (	DUT	221.75	5	CASING SE	T DEPTH		L	5763.2
	TOTAL		5971.70	140	],				
TOTAL CSG	. DEL. (W/O	THRDS)	5971.7	140		RE			
TIMING			1ST STAGE	2nd STAGE					
BEGIN RUN	CSG.		10/5/2006	1:00 AM	GOOD CIRC	THRU JOB		Yes	
CSG. IN HOL	LE		10/5/2006	4:00 AM	Bbls CMT C	IRC TO SUR	FACE	32 bbls	
BEGIN CIRC	,		10/5/2006	4:00 AM	RECIPROCA	ATED PIPE I	FOR	THRUSTROK	E_
BEGIN PUM	P CMT		10/5/2006	5:00 AM	DID BACK PRES. VALVE HOLD ? Yes				
BEGIN DSPL	CMT		10/5/2006	6:50 AM	BUMPED PL	LUG TO	2100		PSI
PLUG DOW	N		10/5/2006	7:30 AM					
CEMENT US	ED			CEMENT COM	MPANY-	B. J.			
STAGE	# SX			CEMENT TYP	E & ADDITIV	/ES			
1	330	Premlite II w	/ 10% gel + 3 °	% KCL, 3#'s /sl	CSE + 2# s	k/kolseal + 1	/4#'s/sk Cello	Flake	
		mixed @ 11	.0 ppg W / 3.43	cf/sk yield					
2	400	50/50 poz W	// 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F.	2% gel. 3%	SM mixed @	14.4 ppg W/	1.24 YLD
CENTRALIZI	ER & SCRA	TCHER PLAC	CEMENT			SHOW MAK	E & SPACIN	IG	
Centralizers	- Middle fi	rst, top seco	nd & third. Th	nen every thir	d collar for a	a total of 20	•		
COMPANY	DEDDESENT	ΓΔΤΙ\/Ε	Johany Day	ie			DATE	10/5/2006	

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OCT 1 1 2006

## STATE OF UTAH

	5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66185						
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to dril	7. UNIT or CA AGREEMENT NAME: ASHLEY PA A						
wells, or to drill horizonta	8. WELL NAME and NUMBER:						
OIL WELL	GAS WELL OTHER			ASHLEY FEDERAL 3-25-9-15			
2. NAME OF OPERATOR:				9. API NUMBER:			
NEWFIELD PRODUCTION COM	PANY			4301332945			
3. ADDRESS OF OPERATOR:			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:			
	y Myton STATE UT	ZIP 84052	435.646.3721	MONUMENT BUTTE			
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 716 FNL 20	29 FWL			COUNTY: DUCHESNE			
OTR/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: NENW, 25, T9S, R15E			STATE: UT			
CHECK APPROP	PRIATE BOXES TO INDICAT	E NATURE (	OF NOTICE, REP	ORT, OR OTHER DATA			
TYPE OF SUBMISSION		TY	PE OF ACTION				
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION			
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL			
	CASING REPAIR	NEW CONST	RUCTION	TEMPORARITLY ABANDON			
Approximate date work will	CHANGE TO PREVIOUS PLANS	OPERATOR		TUBING REPAIR			
	CHANGE TUBING	PLUG AND		VENT OR FLAIR			
		PLUGBACK		WATER DISPOSAL			
SUBSEOUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	=					
Date of Work Completion:	CHANGE WELL STATUS	PRODUCTION (START/STOP)		WATER SHUT-OFF			
-	COMMINGLE PRODUCING FORMATIONS		TON OF WELL SITE	OTHER: - Weekly Status Report			
11/03/2006	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	1			
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show	all pertinent detail	ls including dates, depths	, volumes, etc.			
Status report for time perio	d 10/18/06 - 10/31/06						
Subject well had completion procedures intiated in the Green River formation on 10-18-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (4982'-4993'); Stage #2 (4701'-4708'); Stage #3 (4584'-4591'); Stage #4 (4472'-4488'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 10-27-2006. Bridge plugs were drilled out and well was cleaned to 5747'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 10-31-2006.							
NAME (PLEASE PRINT) Jentri Park SIGNATURE MM M	Jank		TITLE Production Clerk				
(This space for State use only)							

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## **UNITED STATES DEPARTMENT OF THE INTERIOR**

(See other instructions ons reverse side)

SUBMIT IN DUPLICATE\* FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

_					
5.	LEASE	DESIGNA	TION AN	ID SERI	AL NO

UTU-66185

		BURE	AU OF	LAND	MANAGEN	<u>1EN</u>	Т				UTU-	66185	
WELL	COMPL	ETION	OR RI	ECOM	PLETION	l RI	EPORT A	ND LOG'	•	6. IF INDIAN	•	OR TRIBE NAME	
1a. TYPE OF WORK										7. UNIT AGR	EEMENT NA		
1b. TYPE OF WELL		OIL WELL	X	GAS WELL	DRY		Other				Asl	hley	
_						_				8. FARM OR	LEASE NAM	E, WELL NO.	
NEW WELL X	WORK OVER	DEEPEN		PLUG BACK	DIFF RESVR.		Other				<u>-</u> -	eral 3-25-9-15	
2. NAME OF OPERATOR		Ne	wfield E	xplorati	on Compar	ny				9. WELL NO.	43-013	3-32945	
3. ADDRESS AND TELEP		401 17th	St. Sui	te 1000	Denver, C	8 O:	0202			10. FIELD AN		WILDCAT ent Butte	
4. LOCATION OF WEI		tions clearly a	nd in accord	dance with a	ny State requiren	nents.*	*)			, ,	R., M., OR BLO	OCK AND SURVEY	
At Surface At top prod. Interval rep	norted below	/16	FNL & 20	)29° FWL	(NE/NW) Sec	3. 25,	195, K15E			OR AREA	Sec 25 1	T9S, R15E	
At top prod. Interval rep	ported below									`	200. 20,	100,11102	
At total depth				14. API NO.	013-32945		DATE ISSUED	1/02/05		12. COUNTY	OR PARISH hesne	13. STATE UT	
15. DATE SPUDDED	16. DATE T.D. F		17. DAT	E COMPL. (I	Ready to prod.)		18. ELEVATIONS (D	F, RKB, RT, GR, E	TC.)*			19. ELEV. CASINGHE	٩D
09/21/06 20. TOTAL DEPTH, MD &	<u></u>	04/06 21. PLUG BAC	K T D. MD.		01/06 22. IF MULTI	IPLEC	6146	3'GL 23. INTERVALS	ROT	6158' KE	3	CABLE TOOLS	
,	. 1 1 1			w 1 1 1 D	HOW MA		OM E.,	DRILLED BY			1	CABLE TOOLS	
5775' 24. PRODUCING INTERV	ALCO OF THE		5747'	DM NAME (	AD AND TVD\*			>		X		25, WAS DIRECTIONA	. I
24. PRODUCING INTERV	AL(S), OF THIS C	JOWIPLE HON	-		River 447	2'-4'	993'				ľ	SURVEY MADE	.L
					1101							No	
26. TYPE ELECTRIC AND Dual Induction			nsated						, Ceme	ent Bond		27. WAS WELL CORE No	)
23.	3D 4 DE	NEIGHT.	LD /FT			eport :	all strings set in w		MENT CE	MENTING REC	CORD I	AMOUNT PULLE	D.
CASING SIZE/C 8-5/8" - J		weight, <b>24</b>		DEPT	H SET (MD)	$\vdash$	HOLE SIZE 12-1/4"	To surface	<del></del>			AMOUNT FULLE	<u> </u>
5-1/2" - J	J-55	15.	5#		763'		7-7/8"	330 sx Prem	lite II an	d 400 sx 50	0/50 Poz		
						乚					2000		
29. SIZE	TOP (		ER RECOR BOTTO		SACKS CEMEN	T*	SCREEN (MD)	30. SIZE		TUBING RE DEPTH SET (M		PACKER SET (MI	D)
							```	2-7/8"		EOT @		TA @	
	<u> </u>					_				5070'		4971'	
31. PERFORATION REC INT	ORD (Interval, si <u>ERVAL</u>	ize and number)	SIZ	ZIE.	SPF/NUMBI		32. DEPTH INTE	ACID, SHOT				ZE, ETC. MATERIAL USED	
1111		982'-4993'	.4		4/44		4982'-					nd in 475 bbls flu	iid
		701'-4708'		3"	4/28	ヿ	4701'-	4708'	Frac	w/ 29,486#	nd in 346 bbls flu	ıid	
	(B2) 4	584'-4591'	.4	3"	4/28		4584'-4591'		Frac w/ 34,746# 20/40 s			nd in 377 bbls flu	iid
	(C) 4	472'-4488'	.4	3"	4/64	$\dashv$	4472'-	4488' Frac		w/ 37,000#	‡ 20/40 sa	nd in 402 bbls flu	id
	-					$\dashv$							
						$\dashv$							
						$\neg$			- <b></b>				
33.*		r			PROD					·····		THE CO. 1	
DATE FIRST PRODUCTION 11/01/0	)6		2	2-1/2" x		<u>' RH</u>	IAC SM Plui				PF	ATUS (Producing or shu RODUCING	-in)
DATE OF TEST	HOU	RS TESTED	CHOKE	SIZE	PROD'N. FOR TEST PERIOD	OILI	BBLS.	GASMCF.	WATE.	RBBL.	ľ	GAS-OIL RATIO	
10 day av					>	上	43	0	111.000	67	au an itim	0	
FLOW. TUBING PRESS.	CASI	ING PRESSURE		R RATE	OIL-BBL.		GASMCF.	1	WATER-	BBL.	OIL GRAVII	Y-API (CORR.)	
34. DISPOSITION OF GAS	(Sold, used for fu	el, vented, etc.)		> 0    aad	for Fire!		<u> </u>	RECEIV	ED	TEST WITNES	SED BY		
35. LIST OF ATTACHME	NTS		2010	x Used	for Fuel			NOV 1 4 2	 2006				
36. I hereby certify that	he foregoing a	nd attached in	ormation is	complete a	nd correct as dete	rmine	d from all available	e records					
signed	hm /	Imk		p2-2- W	TITLE		DI₽r€	12Anoition B	êrkiiNii	√G	DATE	11/13/200	3
Jenyri P	Park										·		JP

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); FORMATION TOP воттом DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE MEAS. DEPTH VERT. DEPTH Garden Gulch Mkr Well Name 3326' Garden Gulch 1 Ashley Federal 3-25-9-15 3533' Garden Gulch 2 3637' Point 3 Mkr 3881' X Mkr 4149' Y-Mkr 4182' Douglas Creek Mkr 4292' BiCarbonate Mkr 4492' B Limestone Mkr 4631' Castle Peak 5183' Basal Carbonate 5630' Total Depth (LOGGERS 5773'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM FORM

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3639 MYTON, UT 84052

OPERATOR ACCT. NO.	N2695

			T	WET HYNE	<del> </del>		WELLIG	CATION		SPUO	EFFECTIVE
TICH	CURRENT ENTITY NO.	NEW ENTITY NO.	afi kunger	WELL POWE	00	<b>8</b> C	TP	RG	COXAMY	DATE	DATE
:	15675	12419	4301332945	ASHLEY FEDERAL 3-25-9-15	NENW	25	98	15E	DUCHESNE		2/13/07
	COMMENT	ASHL	EY PA 'AB" 1ST RE	VISION EFFECTIVE 10-1-2006							_
LL J	$\Omega$	1									
	HERL	/					<del></del> .	_			T
TION	CLIRITIENT	NEW	API NUMBER	WELL HAME	00	80	ETT FOCUS	RG	COUNTY	89UD DATE	EFFECTIVE DATE
20E	SHITTY NO.	EMITT NO.	4301332903	ASHLEY FEDERAL 10-26-9-16	NW/SE	26			DUCHESNE		2/13/07
1	15653	12419			1 1111100	1					104101
WELL 5 COMMENT: ASHLEY PA 'AB" 1ST REVISION EFFECTIVE 10-1-2006											
TIDA	CURRENT	NEW	API NUMBER	WEIT MINE			MATT	OCATION	COUNTY	apud Date	EFFECTME
XODE	ENKIY NO.	ENTITY NO.			QS	ec_	IP	l ne	COUNTY		0/ /00
င	15676	12419	4301332946	ASHLEY FEDERAL 6-25-9-15	SEINW	25	98	16E	DUCHESNE		1 2/13/07
FIL	5 COMMEN	: ASH	LEY PA 'AB" 1ST RI	EVISION EFFECTIVE 10-1-2008							,
	GRI	EU .									
CEION	CURRENT	MEN	API NUMBER	WELL NAME		1	WELL	HOCATION	COUNTY	EPUID CATE	EFFECTIVE DATE
CODE	ENTITY NO.	ENTITY NO.			90		<del>  "</del>	- NE	- CARGET	UNIL	1. 1
c	15678	12419	4301332902	ASHLEY FEDERAL 9-26-9-15	NE/SE	26	98	15E	DUCHESNE		3/13/07
WELL	5 COMMEN	T: ASH	LEY PA 'AB" 1ST R	EVISION EFFECTIVE 10-1-2006							,
	100	011									
	GH									SPUD	EFFECTME
CHON	CURRENT	HEW	APINIJABER	WELL HAVE	00	l sc	TP	LOCATION	COUNTY	DATE	DATE
000E	ENSITY NO.	12419	430133885	ASHLEY FEDERAL 5-25-9-15	SWINW	25	98	15E	DUCHESNE		2/13/07
C	15677			EVISION EFFECTIVE 10-1-2006	1					<u>-</u>	
WELL	. 5 COMMEN	п: Аэг	ILET PA AD 131 N	EADIOIA EL FOLIATE 10-1-7-000							<del></del>
	( <del>'</del> 51	CRV .									
ACTION	CURRENT	NEW.	API HUMBER	WELLWAR	WELL LOCATION  QQ SC TP RG			COUNTY	EPLD DATE	EFFECTIVE DATE	
CODE	CNALLING	ENTITY NO.	4004333003	ASHLEY FEDERAL 2-25-9-15	NWINE		95	15E	DUCHESNE		2/12/07
<u> </u>	15686	12419	4301332883		1 14 animal		1	1100			
WELL	L 5 COMME	ut: ASI	HLEY PA 'AB" 1ST F	REVISION EFFECTIVE 10-1-2006							′
	(-	RRU								10	
ACTION	CODES (Bee less)	rections on back of for	m)							(IIV)	
		filly for new well (ping)							TOMO	Y 6 8x 1	LANA NEBEK

- B Add new wal to existing orthy (group or unit mail)
- C Re-assign and from one existing early to exellur existing early
- D Fig-easign and from the existing eathy to a new only
- E Other (tupleis in communic section)

NOTE: Use COMMENT section to explain why each Action Code was selected

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Production Analyst

February 12, 2006

DIV. OF OIL, GAS & CON



# **United States Department of the Interior**



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO: 3180 UT-922

FEB 0 2 2007

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Newfield Exploration Company Attn: Laurie Deseau 1401 Seventeenth Street, Suite 1000 Denver, CO 80202

DIV. OF OIL, GAS & MINING

Re: 1st Revision Consolidated Green River Formation PA "A, B" Ashley Unit Duchesne County, Utah

The 1st Revision of the Consolidated Green River Formation "A,B" Ashley Unit, CRS UTU73520C, is hereby approved effective as of October 1, 2006, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 1st Revision of the Consolidated Green River Formation PA "A, B" results in a Participating Area of 7,350.49 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

WELLING:	APINO	LOCATION	LEASE NO.
15-24	43-013-32943	SWSE, 24-9S-15E	UTU02458
16-24	43-013-32944	SESE, 24-9S-15E	UTU02458
16-27	43-013-32881	SESE, 27-9S-15E	UTU66185
14-26	43-013-32907	SESW, 26-9S-15E	UTU66185
13-26	43-013-32906	SWSW, 26-9S-15E	UTU66185
15-26	43-013-32908	SWSE, 26-9S-15E	UTU66185
11-26	43-013-32904	NESW, 26-9S-15E	UTU66185
3-25	43-013-32945	NENW, 25-9S-15E	UTU66185
10-26	43-013-32903	NWSE, 26-9S-15E	UTU66185
6-25	43-013-32946	SENW, 25-9S-15E	UTU66185
9-26	43-013-32902	NESE, 26-9S-15E	UTU66185
5-25	43-013-32885	SWNW, 25-9S-15E	UTU66185
2-25	43-013-32883	NWNE, 25, 9S-15E	UTU66185
11-25	43-013-32905 32910	NWSW, 26, 9S-15E	UTU66185
9-25	43-013-32948	NESE, 25, 9S-15E	UTU66185
15-25	43-013-32950	SWSE, 25, 9S-15E	UTU66185

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 1st Revision of the Consolidated Green River PA "A, B", Ashley Unit.

Sincerely,

/s/ Douglas F. Cook

Douglas F. Cook Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas & Mining

**SITLA** 

Ashley Unit w/enclosure

MMS - Data Management Division (Attn: James Sykes)

Field Manager - Vernal w/enclosure

Agr. Sec. Chron. Central Files

CSeare:cs (01/31/06)Ashley Consolidated PA "A, B"1st.Rev.



December 3, 2007

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Ashley Federal #3-25-9-15

Monument Butte Field, Ashley PA AB, Lease #UTU-66185

Section 25-Township 9S-Range 15E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #3-25-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley PA AB.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

David Gerbig

Operations Engineer

RECEIVED JAN 2 2 2008

DIV. OF OIL, GAS & MINING

## NEWFIELD PRODUCTION COMPANY

## APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

**ASHLEY FEDERAL #3-25-9-15** 

MONUMENT BUTTE FIELD (GREEN RIVER)

ASHLEY PA AB

**LEASE #UTU-66185** 

**DECEMBER 3, 2007** 

RECEIVED JAN 2 2 2008

DIV. OF OIL, GAS & MINING

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# STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ADDRESS

## APPLICATION FOR INJECTION WELL - UIC FORM 1

1401 17th Street, Suite 1000

Denver, Colorado 80202

OPERATOR Newfield Production Company

Well Name and number:	Ashley Federal #3-25-9-15									
Field or Unit name:	Monument	Butte (Gree	n River), Ashle	y PA AB	,,	Lease No.	. UTU-661	85		
Well Location: QQ NE/NW	section	25	township _	98	range	15E	county	Duchesne		
Is this application for expansion of	of an existing	g project? .			Yes [X]	] No [ ]				
Will the proposed well be used fo	or:	Disposal?	d Recovery?		Yes [ ]	No [ X ]				
Is this application for a new well of this application is for an existin has a casing test been perform Date of test:  API number: 43-013-32945	g well,									
Proposed injection interval: Proposed maximum injection: Proposed injection zone contains mile of the well.			to _pressure [ ] fresh wa	5630 1995 ter within	psig 1/2					
IMPOR	TANT:		l information any this form.	as require	d by R615	5-5-2 should				
List of Attachments:	Attachmer	nts "A" thro	ugh "H-1"		***************	······································				
Name: David Gerbig Title Operations Engir Phone No. (303) 893-0102	·	o the best	of my knowle Signature Date	dge.	and a	Gel	}			
(State use only) Application approved by Approval Date		1-1	· .		Title					
Comments:										

# Ashley Federal 3-25-9-15

Spud Date: 9-21-06 Put on Production: 11-01-06

GL: 6146' KB: 6158'

Proposed Injection Wellbore Diagram

Cement top @ 9

Initial Production: BOPD.

MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts (311-28') DEPTH LANDED: 323,13' KB

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 135 jts. (5749.95') DEPTH LANDED: 5763,2' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 330 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 9'

### **TUBING**

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 157 jts (4958.81') TUBING ANCHOR: 4970,81' KB NO. OF JOINTS: 1 jts (31.60') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5005.21' KB NO. OF JOINTS: 2 jts (63.12')

TOTAL STRING LENGTH: EOT @ 5069.88' KB

# FRAC JOB Frac lode sands as follows: 59272# 20/40 sand in 475 bbls Lightning 17 10-25-06 4982-4993 frac fluid. Treated @ avg press of 2510 psi w/avg rate of 26.9 BPM. ISIP 2680 psi. Calc flush: 4494 gal, Actual flush: 4980 gal. Frac A1 sands as follows: 29486# 20/40 sand in 346 bbls Lightning 17 10-25-06 4701-4708 frac fluid. Treated @ avg press of 2635 psi w/avg rate of 24.9 BPM, ISIP 2700 psi. Calc flush: 4200 gal. Actual flush: 4699 gal. Frac B2 sands as follows: 34746# 20/40 sand in 377 bbls Lightning 17 10-25-06 4584-4591' frac fluid. Treated @ avg press of 2050 psi w/avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4116 gal. Actual flush: 4582 gal. 10-25-06 4472-4488' Frac C sands as follows: 37000# 20/40 sand in 402 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 w/ avg rate of 24.9 BPM. ISIP 2370 psi. Calc flush: 4368 gal. Actual flush: 4470 gal. Packer @ 4437' 4472-4488 4584-45913 4701-4708 4982-4993

# NEWFIELD

### Ashley Federal 3-25-9-15

716' FNL & 2029' FWL

NE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32945; Lease # UTU-66185

TD @ 5770'

4 JSPF

4 ISPF

44 holes

28 holes

## WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

### REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1401 17<sup>th</sup> Street, Suite 1000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #3-25-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley PA AB.

A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Ashley Federal #3-25-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3637' - 4631'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3326' and the Castle Peak top at 5183'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #3-25-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #UTU-66185) in the Monument Butte (Green River) Field, Ashley PA AB, and this request is for administrative approval.

## REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 323' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5763' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1995 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #3-25-9-15, for existing perforations (4472' - 4993') calculates at 0.87 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1924 psig. We may add additional perforations between 3326' and 5773'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #3-25-9-15, the proposed injection zone (3637' - 5630') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

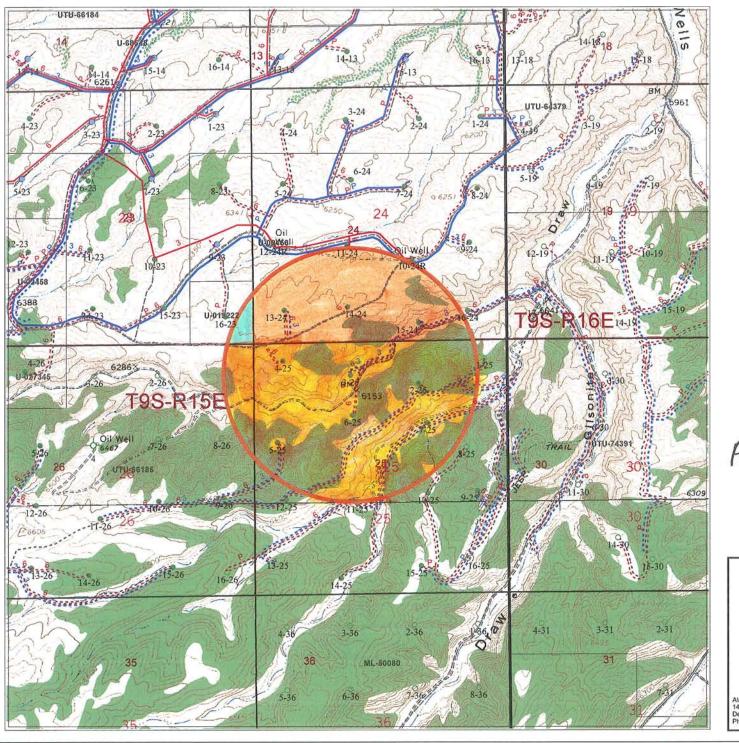
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

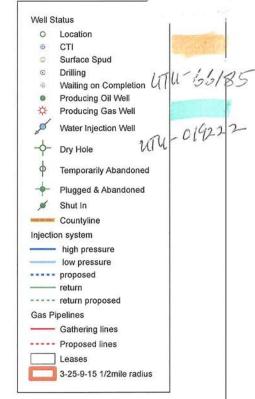
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.





# Attachment A

Ashley 3-25-9-15 Section 25, T9S-R15E

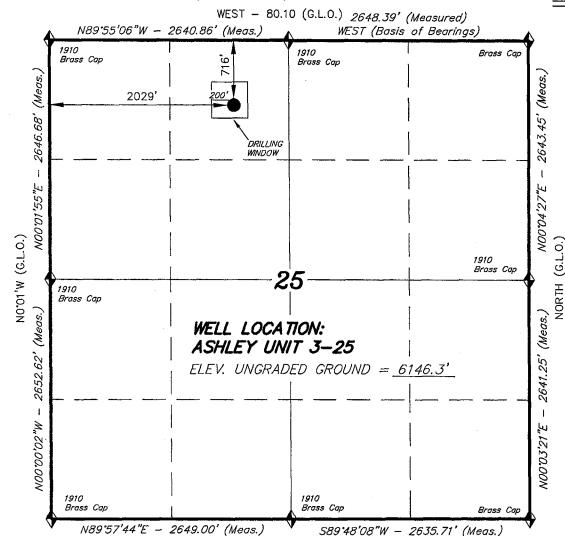


1/2 Mile Radius Map
Duchesne County

Alamo Plaza Building 1401 17th Street Suite 1000 Denver, Colorado 80202-1247 Phone: (303) 893-0102

February 20, 2007

# T9S, R15E, S.L.B.&M.



= SECTION CORNERS LOCATED

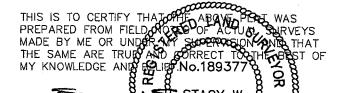
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

N89°57'W - 80.08 (G.L.O.)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 3-25, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 25, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



REGISTERS LANGE REGISTRA DON NO STATE OF BEAM

# TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 8-22-05	DRAWN BY: F.T.M.
NOTES:	FILE #

# EXHIBIT B Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 15 East, SLM Section 22: Lots 2, 3, 4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4	UTU-66185 HBP	Newfield Production Company	USA
2	Township 9 South, Range 15 East, SLM Section 23: SE/4SE/4	UTU-019222 HBP	Newfield Production Company	USA

## ATTACHMENT C

## CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well Ashley Federal #3-25-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Newfield Production Company David Gerbig Operations Engineer

Sworn to and subscribed before me this Ago day of January , 2008

Notary Public in and for the State of Colorado: Author Well

My Commission Expires:

# Ashley Federal 3-25-9-15

Spud Date: 9-21-06 Put on Production: 11-01-06

GL: 6146' KB: 6158'

Wellbore Diagram

Cement top @ 9

Initial Production: MCFD, BWPD

Frac lode sands as follows:

Frac A1 sands as follows:

Frac B2 sands as follows:

59272# 20/40 sand in 475 bbls Lightning 17

frac fluid. Treated @ avg press of 2510 psi w/avg rate of 26.9 BPM. ISIP 2680 psi. Calc flush: 4494 gal. Actual flush: 4980 gal.

29486# 20/40 sand in 346 bbls Lightning 17

frac fluid. Treated @ avg press of 2635 psi w/avg rate of 24.9 BPM, ISIP 2700 psi. Calc

34746# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2050 psi w/avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4116 gal, Actual flush: 4582 gal.

Frac C sands as follows: 37000# 20/40 sand in 402 bbls Lightning 17

frac fluid. Treated @ avg press of 2325 w/ avg rate of 24.9 BPM. ISIP 2370 psi. Calc

flush: 4368 gal. Actual flush: 4470 gal.

flush: 4200 gal. Actual flush: 4699 gal.

FRAC JOB

10-25-06 4982-4993

10-25-06 4701-4708'

10-25-06 4584-4591'

10-25-06 4472-4488'

BOPD,

# SURFACE CASING CSG SIZE: 8-5/8"

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts (311-28')
DEPTH LANDED: 323.13' KB

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5#

LENGTH: 135 jts. (5749.95°)
DEPTH LANDED: 5763.2° KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 330 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 9'

### **TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 157 jts (4958.81')
TUBING ANCHOR: 4970.81' KB
NO. OF JOINTS: 1 jts (31.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5005.21' KB
NO. OF JOINTS: 2 jts (63.12')

TOTAL STRING LENGTH: EOT @ 5069.88' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

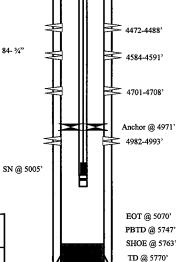
SUCKER RODS: 1-8', & 1-2' X ½" pony rods, 99-½" scrapered rods, 84-½" plain rods, 10-½" scrapered rods,6-1½" weight rods.

plain rods, 10-3/4" scrapered rods,6-13/2" weight rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5 SPM



### PERFORATION RECORD

 10-18-06
 4982-4993'
 4 JSPF
 44 holes

 10-25-06
 4701-4708'
 4 JSPF
 28 holes

 10-25-06
 4584-4591'
 4 JSPF
 28 holes

 10-25-06
 4472-4488'
 4 JSPF
 64 holes

NEWFIELD

### Ashley Federal 3-25-9-15

716' FNL & 2029' FWL

NE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32945; Lease # UTU-66185

# Ashley Federal 11-24-9-15

Spud Date: 03/28/05 Initial Production: BOPD 34. Injection Wellbore MCFD 107, BWPD 80 Put on Production: 05/27/05 Diagram GL: 6240' KB: 6250' FRAC JOB Cement Top @ 114' SURFACE CASING 05/19/05 5528'-5600' Frac CP3 and CP2 sands as follows: CSG SIZE: 8 5/8' 101,424# of 20/40 sand in 794 bbls lightning frac 17 fluid. Treated @ avg press of 1900 GRADE: J-55 w/ avg rate of 24.8 bpm. ISIP 2100 psi. WEIGHT: 24# Calc flush: 5526 gal. Actual flush: 5502 gal. LENGTH: 7 its. (302.2') 05/19/05 5082'-5174' Frac LODC sands as follows: 120,399# of 20/40 sand in 837 bbls lightning DEPTH LANDED: 3012.2 frac 17 fluid. Treated @ avg press of 2495 w/avg rate of 24.8 bpm. ISIP 2720 psi. Calc HOLE SIZE: 12 1/4" flush: 5080 gal. Actual flush: 5124 gal. CEMENT DATA: 160sxs Class G with 2% CaCL. 5 bbls cmt to pit 05/20/05 4938'-4946' Frac A3 sands as follows: 27,296# of 20/40 sand in 305 bbl lightning 17 frac fluid. Treated @ avg press of 2388 w/avg rate of 24.8 bpm. ISIP 2580 psi. Calc flush: 4936 gal. Actual flush: 4956 gal. PRODUCTION CASING 05/20/05 4791'-4819' Frac B2 sands as follows: CSG SIZE; 5 1/2" 98,819# of 20/40 sand in 706 bbls lightning GRADE: J-55 frac 17 fluid. Treated @ avg press of 1778 w/avg rate of 25 bpm. ISIP 2000 psi. Calc WEIGHT: 15.5# flush: 4789 gal. Actual flush: 4830 gal. LENGTH: 164 jts. (5839.01') DEPTH LANDED: 5837.01' KB 05/20/05 4366'-4372' Frac X-Stray sands as follows: 35,995# of 20/40 sand in 346 bbls lightning HOLE SIZE: 7 7/8" 17 frac fluid. Treated @ avg press of 2485 w/avg rate of 24.7 bpm. ISIP 1490 psi. Calc flush: 4364 gal. Actual flush: 4284 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 114' 11-30-05 Pump change: Update rod and tubing details. 12-12-05 Water Isolation. Packer @ 43191 **TUBING** 6-16-06 Re-Completion: Update rod and tubing detail EOT @ 4336' 09-29-06 Pump Change: Updated tubing and rod detail. SIZE/GRADE/WT .: 2 7/8" / J-55 / 6.5# 12-1-06 Pump Change: Updated tubing and rod detail. NO. OF JOINTS: 131 jts (4303') 4366'-4372' 4/24/07 Well converted to an Injection well. MIT SEATING NIPPLE: 2 7/8" (1.10') completed and submitted on 5/14/07. SN LANDED AT: 4334,80' KB TOTAL STRING LENGTH: 4336.35' w/ 12' KB 4694'-4698' 4791-4819\* 4938'-4946' 5082'-5088' 5120'-5132' 5151'-5164' 5169'-5174' PERFORATION RECORD 05/09/05 5593'-5600' 4 JSPF 28 holes 05/09/05 5528'-5558' 2 JSPF 28 holes 5528'-5558' 05/19/05 5169'-5174' 4 JSPF 20 holes 05/19/05 5151'-5164' 4 JSPF 52 holes 5120'-5132' 5593'-5600' 05/19/05 4 JSPF 48 holes 05/19/05 5082'-5088' 4 JSPF 24 holes 4938'-4946' 05/19/05 4 JSPF 32 holes 05/20/05 4694'-4698' 4 JSPF 16 holes (No Frac) 05/20/05 4791'-4819' 4 JSPF 112 holes 05/20/05 4366'-4372' 4 ISPF 24 holes NEWFIELD Top of Fill & PBTD @ 5800' **ASHLEY FEDERAL 11-24-9-15** SHOE @ 5837' 1981' FSL & 1980' FWL TD @ 5860' NE/SW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32424; Lease #UTU-02458

# Ashley Federal #10-24R

Recompletion Date: 9/24/96
GL: 6259.7' KB: 6268'
Put on Production: 10/15/96
Formerly Castle Peak Unit #1
Wellbore Diagram

1684 FSL 1945 FEL

NWSE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-15781; Lease #U-02458

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

#### Wellbore Diagram Put on Production: 10/15/96 FRAC JOB SURFACE CASING 10/4/96 4820'-4831' Frac B-2 sand as follows: CSG SIZE: 13-3/8" 34.000# of 20/40 sand in 210 bbls of GRADE: ? Boragel. @ 18 bpm. Well screened out w/6# on formation. Est. 26,800# in WEIGHT:48# formation & 7200# left ion tbg. Flowed LENGTH: ? its. well back until died. DEPTH LANDED: 210' 10/8/96 4723'-4731' Frac C sand as follows: Screened out on 5# sd w/10,600# of HOLE SIZE:17-1/4" 20/40 sd in formation. Used 164 bbls of CEMENT DATA: ? Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi, ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and 10/11/96 4567'-4632' Frac D-1 and D-2 sands as follows: 77,700# of20/40 sand in 402 bbls of Boragel. Breakdown @ 3010 psi. Treated PRODUCTION CASING @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi. CSG SIZE: 7" Flowback on 12/64" ck for 10 min and GRADE:J-55 WEIGHT: 23# 1/3/03 Tubing Leak. Update tubing and rod LENGTH: ? detail. DEPTH LANDED: 5020' HOLE SIZE: ? CEMENT DATA: ? CEMENT TOP AT: 3235 per CBL TUBING SIZE/GRADE/WT .: 2-7/8" / M-50 / 6.5# PERFORATION RECORD 4567' - 4572' NO. OF JOINTS: 153 its (4760.49') 10/2/96 4820'-4831' 44 holes 4576' - 4589' 10/5/96 4723'-4731' 4 JSPF 32 holes TUBING ANCHOR: 4762.68" 10/9/96 4567'-4572' 4 JSPF 20 holes SEATING NIPPLE: 2-7/8" (1.10') 4576'-4589' 4614' - 4616' 10/9/96 4 ISPF 52 holes 4614'-4616' 4 JSPF 10/9/96 8 holes SN LANDED AT: 4795.27' 4 JSPF 4620'-4632' NO. OF JOINTS: 1 jts (4797.17") 4620' - 4632' NO. OF JOINTS: 2 its (4857.67') TOTAL STRING LENGTH: EOT @ 4858.11' 4723'- 4731' ANCHOR @ 47633 SUCKER RODS SN @ 4795' 4820'- 4831' POLISHED ROD: 1-1/2" x 22" SUCKER RODS: 1 - 2', 1 - 6', 1 - 4' x 3/4" pony rods, 115-3/4" scrapered, 60-3/4" plain rods, 10-3/4" scrapered rods, 6- 1 1/2" weight bars. EOT @ 48587 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC PMP STROKE LENGTH: 74" CIBP @ 4940' PUMP SPEED, SPM: 4 SPM SHOE @ 5020' LOGS: CBL, GR 6-1/4" Hole Inland Resources Inc. Ashley Federal #10-24R TD @ 8816'

# Ashley Federal 13-24-9-15

Spud Date: 07/09/06 Put on Production: 08/14/06

Ashley Federal 13-24-9-15

600' FSL & 660' FWL
SW/SW Section 24-T9S-R15E
Duchesne Co, Utah
API #43-013-32820; Lease #UTU-02458

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

#### K.B.: 6343, G.L.: 6331 SURFACE CASING FRAC JOB 08/08/06 5769-57813 CSG SIZE: 8-5/8" Frac CP5, sands as follows: 35142# 20/40 sand in 399 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2320 psi WEIGHT: 24# w/avg rate of 25.1 BPM. ISIP 2425 psi. Calc flush: 5779 gal. Actual flush: 5254 gal. LENGTH: 7 jts. (310.53') Frac CP1, LODC sands as follows: 08/08/06 5371-5440 Cement top @ 350 DEPTH LANDED: 322.38' KB 147433# 20/40 sand in 998 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1835 psi w/avg rate of 225 BPM. ISIP 2075 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5438 gal. Actual flush: 4880 gal. Frac LODC sands as follows: 08/08/06 5118-51783 80602# 20/40 sand in 644 bbls Lightning 17 frac fluid. Treated @ avg press of 2500 psi w/avg rate of 24.9 BPM, ISIP 2875 psi. Calc flush: 5176 gal. Actual flush: 4591 gal. 08/09/06 4799-4825 Frac B2 sands as follows: 45410# 20/40 sand in 519 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 1710 psi w/avg rate of 25.1 BPM, ISIP 1750 psi. Calc CSG SIZE: 5-1/2" flush: 4823 gal. Actual flush: 4322 gal. GRADE: J-55 08/09/06 4693-4708' Frac C sands as follows: WEIGHT: 15.5# 45123# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2040 psi LENGTH: 136 jts. (5936.81') w/avg rate of 25.2 BPM. ISIP 1975 psi. Calc DEPTH LANDED: 5950.06' KB flush: 4706 gal. Actual flush: 4183 gal. Frac PB10 sands as follows: 30040# 20/40 sand in 334 bbls Lightning 17 08/09/06 4300-4308\* frac fluid. Treated @ avg press of 2200 psi CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. w/avg rate of 25 BPM. ISIP 1950 psi. Calc CEMENT TOP: 350 flush: 4306 gal. Actual flush: 4217 gal. TUBING SIZE/GRADE/WT.; 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 181 jts (5731.12') TUBING ANCHOR: 5743.12' KB NO. OF JOINTS: 1 jts (31.58') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5777.60' KB NO. OF JOINTS: 2 jts (63.14') TOTAL STRING LENGTH: EOT @ 5842.29' KB 4300-4308 4693-4708' PERFORATION RECORD SUCKER RODS 07/31/06 5769-57813 4 JSPF 48 holes 4799-4810\* 4819-48257 08/08/06 5432-5440' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 22' SM 08/08/06 5371-5412 2 JSPF 82 holes SUCKER RODS: 1-2,1-6'x 3/4" pony rod, 100-3/4" guided rods, 114-3/4" plain rods, 10-3/4" scrapered rods, 6-1 ½" weight rods. 08/08/06 5169-5178' 4 JSPF 36 holes 08/08/06 5118-5138' 4 JSPF 80 holes 5118-5138 08/08/06 4819-4825' 4 JSPF 24 holes PUMP SIZE: 2-1/2" x 1-1/2"12 x 14' RHAC w/SM plunger 5169-5178 08/08/06 4799-4810 4 JSPF 44 holes STROKE LENGTH: 86" 4693-4708 08/09/06 4 JSPF 60 holes 5371-5412' 4300-43083 4 JSPF 08/09/06 PUMP SPEED, 5.5 SPM: 5432-5440' Anchor @ 5743' 5769-5781' SN 5777 NEWFIELD PBTD @ 5928' SHOE @ 5950\*

TD @ 5980'

# Ashley Federal 14-24-9-15

Spud Date: 7-11-06 Initial Production: BOPD, Put on Production: 8-23-06 Wellbore Diagram MCFD, BWPD GL: 6312' KB: 6324' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 08-17-06 5356-5452' Frac CP1, LODC sands as follows: 59208# 20/40 sand in 561 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1838 psi w/avg rate of 25 BPM. ISIP 2100 psi. Calc Cement top @ 100' WEIGHT: 24# flush: 5356 gal. Actual flush: 4872 gal. LENGTH: 7 its (310.55') Frac LODC sands as follows: 08-17-06 5210-5223 DEPTH LANDED: 322.40' KB 64716# 20/40 sand in 518 bbls Lightning 17 frac fluid. Treated @ avg press of 2884 psi w/avg rate of 24.8 BPM. ISIP 3100 psi. Calc HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 5208 gal. Actual flush: 4746 gal. 08-17-06 5056-5070 Frac LODC sands as follows: 34203# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2277 psi w/avg rate of 24.9 BPM. ISIP 2650 psi. Calc flush: 5054 gal. Actual flush: 4578 gal. PRODUCTION CASING 08-17-06 4800-4812' Frac B2 sands as follows: CSG SIZE: 5-1/2" 39247# 20/40 sand in 417 bbls Lightning 17 frac fluid. Treated @ avg press of 1885 w/ avg rate of 24.9 BPM. ISIP 2000 psi. Calc GRADE: 1-55 WEIGHT: 15.5# flush: 4798 gal. Actual flush: 4326 gal. LENGTH: 137 jts. (5942.68') 08-17-06 4707-4715 Frac C sands as follows: DEPTH LANDED: 5955.93' KB 42615# 20/40 sand in 424 bbls Lightning 17 frac fluid. Treated @ avg press of 2291 w/ avg rate of 25 BPM. ISIP 2150 psi. Calc HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. flush: 4705 gal. Actual flush: 4620 gal. CEMENT TOP AT: 100' TUBING 4707-4715' SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 170 its (5384.96') 4800-4812 TUBING ANCHOR: 5396.96' KB NO. OF JOINTS: 2 jts (63.39') SEATING NIPPLE: 2-7/8" (1.10') 5056-5070\* SN LANDED AT: 5463.15' KB NO. OF JOINTS: 2 jts (63.25') 5210-52231 TOTAL STRING LENGTH: EOT @ 5527.95' KB 5356-5375' Anchor @ 5397' PERFORATION RECORD SUCKER RODS SN 5463' 5440-5452 08-04-06 5440-5452' 4 JSPF 48 holes 08-04-06 5356-5375' 4 ISPE 76 holes POLISHED ROD: 1-1/2" x 22' SM 08-17-06 5210-5223' 4 JSPF 52 holes SUCKER RODS: 1-2', 1-4', 1-6', 1-8' X 3/4" pony rods, 99-3/4" scrapered rods, 08-17-06 5056-5070" 4 JSPF 56 holes 102-3/4" plain rods, 10- 3/4" scrapered rods, 6-1 1/2" weight rods. 08-17-06 4800-4812' 4 JSPF 48 holes PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger 08-17-06 4707-4715' 4 JSPF 32 holes STROKE LENGTH: 86" PUMP SPEED, SPM: 5 SPM EOT @ 5528' NEWFIELD PBTD @ 5934'

SHOE @ 5955\*

TD @ 5975'

Ashley Federal 14-24-9-15

706' FSL & 1978' FWL
SE/SW Section 24-T9S-R15E
Duchesne Co, Utah
API # 43-013-32821; Lease # UTU-

Ashley Federal 15-24-9-15

Spud Date: 09/06/06 Put on Production: 5873 K.B.: 6499, G.L.: 6487

> Duchesne Co, Utah API #43-013-32943; Lease #UTU-02458

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

K.B.: 6499, G.L.: 6487				FRAC J	ОВ				
SURFACE CASING CSG SIZE: 8-5/8"					5358-5366'	34064# frac flui w/avg r	P2, sands as 20/40 sand in d. Treated @ ate of 24.9 Bi 364 gal. Actu	a 412 bbls I avg press PM. ISIP 2	of 2100 psi 125 psi. Calc
GRADE: J-55 WEIGHT: 24#				10/19/06	4906-4928'	39301#	ODC sands 20/40 sand in	1 423 bbls 1	Lightning 17
LENGTH: 7 jts. (311.30') DEPTH LANDED: 313.15' KB						w/avg r flush: 4	926 gal. Actu	PM, ISIP 2: al flush: 43	250 psi. Calc
HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.				10/19/06	4635-4652'	65465# frac flui	2 sands as fo 20/40 sand in d. Treated @	1 507bbls L ) avg press	of 2065 psi
PRODUCTION CASING CSG SIZE: 5-1/2"				10/20/06	4442-4560*	flush: 4 Frac B 79846# frac flui w/avg r	650 gal. Actu 55, C, D3 sa 20/40 sand in d. Treated @ ate of 24.9 Bl	al flush 41° nds as folle 1584 bbls 1 avg press PM. ISIP 2°	ows: Lightning 17 of 2164 psi 300 psi. Calc
GRADE: J-55				10/20/06	4042-4050	Frac P	558 gal. Actu B8 sands as	follows:	
WEIGHT: 15.5# LENGTH: 131 jts. (5746.20')						frac flui	20/40 sand in id. Treated @	avg press	of 2057psi
DEPTH LANDED: 5759.45' KB							ate of 14.4 B) 048 gal. Actu		
HOLE SIZE: 7-7/8"		Ш							
CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.									
CEMENT TOP: 50'									
TUBING									
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#									
NO. OF JOINTS: 167 jts (5302.14')									
TUBING ANCHOR: 5314.14' KB									
NO. OF JOINTS: 1 jts (31.60')									
SEATING NIPPLE: 2-7/8" (1.10')									
SN LANDED AT: 5348.54' KB									
NO. OF JOINTS: 2 jts (63.36')  TOTAL STRING LENGTH: EOT @ 5413.45' KB		Щ							
TOTAL STATE OF WORLD AND ADDRESS OF THE STATE OF THE STAT		Ī	4042-4050'						
	<b>#</b>	<b>\</b>	4442-4448'			PERFOR	ATION RE	CORD	
SUCKER RODS	₹	計	4506-4512'				5358-5366'	4 JSPF	32 holes
POLISHED ROD: 1-1/2" x 22' SM	뢲	#	4554-4560'				4906-4928*	4 JSPF	88 holes
SUCKER RODS: 1-8', 1-6', 2-4' x 3/4" pony rod, 100-3/4" guided rods,98-3/4" plain rods, 10-3/4" scrapered rods, 6-1 $\frac{1}{2}$ " weight rods.			4635-4640'			10/19/06 10/19/06	4644-4652° 4635-4640° 4554-4560°	4 JSPF 4 JSPF 4 JSPF	32 holes 20 holes 24 holes
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger	₹ III	テ	4644-4652'				4506-4512' 4442-4448'		24 holes 24 holes
STROKE LENGTH: 86"	4 11	<b></b>	4906-4928'				4042-4050'	4 JSPF	24 holes
PUMP SPEED, 4 SPM:									
		4	Anchor @ 5314	,					
	看	字:	3358-5366'						
SN @ 5348	, <b>                                    </b>								
5.1951									
NEWFIELD		PB	TD @ 5713'						
Ashley Federal 15-24-9-15		SH	OE @ 5759'						
358' FSL & 1810' FEL	VI.	<b></b>	@ 5770'						
SW/SE Section 24-T9S-R15E									
OTTO DOUGHET TYD KIDD									

# Ashley Federal 4-25-9-15

Spud Date: 06/22/06 Put on Production: 07/28/06

Wellbore Diagram

Initial Production:

MCFD, BWPD

## K.B.: 6379, G.L.: 6367 SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (310.94') DEPTH LANDED: 322.79' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### FRAC JOB

4398-4404

4412-4416

4438-4444

5230-5238' (Unfraced)

Anchor @ 5338'

5364-5404'

EOT @ 5472

PBTD @ 5861'

SHOE @ 5882'

TD @ 5950'

07/24/06 5364-5404'

Frac LODC sands as follows:

168996# 20/40 sand in 1145 bbls Lightning17 frac fluid. Treated @ avg press of 2069 psi w/avg rate of 24.8 BPM. ISIP 2260 psi, Calc flush: 5402 gal. Actual flush: 4876 gal.

07/24/06 4398-4444'

Frac DS1, DS2 sands as follows: 39568# 20/40 sand in 421 bbls Lightning 17

frac fluid. Treated @ avg press of 1718 psi w/avg rate of 24.8 BPM. ISIP 1640 psi. Calc flush: 4442 gal. Actual flush: 4284 gal.

06/22/07 Workover Rod & Tubing detail updated.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 134 jts. (5869.18') DEPTH LANDED: 5882.43' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

### TUBING

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 168 jts (5294.69') Prk (3.08 @ 5306.65) NO. OF JOINTS: 1 its(31.49) TUBING ANCHOR: 5341.24' KB

NO. OF JOINTS: 2 jts (63.12')

SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5407.16' KB

NO. OF JOINTS: 2 jts (63.10')

TOTAL STRING LENGTH: EOT @ 5471.81' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 1-4', 6' x ¾" pony rods, 99-3/4" scrapered rods, 59-3/4" plain rods, 50-3/4" scrapered rods, 6-1 ½" weight rods.

SN 5404'

PUMP SIZE: 2-1/2" x 1-1/2" x 17' RTBC w/ballknocker

STROKE LENGTH: 82" PUMP SPEED, 5 SPM:

### PERFORATION RECORD

07/18/06 5364-5404' 2 JSPF 80 holes 07/24/06 5230-5238' 4 JSPF 32 holes 07/24/06 4438-4444' 4 JSPF 24 holes 07/24/06 4412-4416' 4 JSPF 16 holes 07/24/06 4398-4404 4 JSPF

# NEWFIELD

### Ashley Federal 4-25-9-15

394' FNL & 624' FWL

NW/NW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32884; Lease #UTU-

# Ashley Federal 2-25-9-15

Spud Date: 10/2/2006 Initial Production: Put on Production:12/01/06 Wellbore Diagram MCFD, BWPD GL: 6285' KB: 6297' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 11/20/06 5368-5385' Frac CP1 sands as follows: 75,582# 20/40 sand in 591 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2013 psi WEIGHT: 24# w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc LENGTH: 7 jts. (310.21') flush: 5366 gal. Actual flush: 4860 gal. Cement Top @ 54 Frac LODC sands as follows: DEPTH LANDED: 322.64' KB 11/20/06 5098-5106 35,023# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 2560 psi HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. w/avg rate of 24.6 BPM. ISIP 2660 psi. Calc flush: 5096 gal. Actual flush: 4591 gal. 11/20/06 4529-4540 Frac D2 sands as follows: 59,760# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.9 BPM. ISIP 2240 psi. Calc flush: 4527 gal. Actual flush: 4035 gal. 11/20/06 4403-4410\* Frac DS3 sands as follows: 19,609# 20/40 sand in 291 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2285 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc CSG SIZE: 5-1/2" flush: 4401 gal. Actual flush: 3940 gal. GRADE: J-55 11/20/06 4252-4262\* Frac PB11 sands as follows: WEIGHT: 15.5# 40,121# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 1878 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc LENGTH: 133 jts. (5878.34') DEPTH LANDED: 5891.59' KB flush: 4250 gal. Actual flush: 3746 gal. Frac GB4 sands as follows: 47,607# 20/40 sand in 398 bbls Lightning 17 11/20/06 3920-39403 HOLE SIZE: 7-7/8" CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ. frac fluid. Treated @ avg press of 1490 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc flush: 3918 gal. Actual flush: 3822 gal. 03/02/07 Pump Change. Update rod and tubing details. TUBING 3920-3940' SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 169 jts (5334.20') TUBING ANCHOR: 5346.20' KB 4252-4262' NO. OF JOINTS: 1 jts (31.59') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5380.59' KB 4403-4410\* NO. OF JOINTS: 2 jts (63.14') TOTAL STRING LENGTH: EOT @ 5445.28' KB 4529-45401 5098-5106 PERFORATION RECORD SUCKER RODS 11/16/06 5368-5385\* 4 JSPF 68 holes POLISHED ROD: 1-1/2" x 22' SM 11/20/06 5098-5106' 4 JSPF 32 holes Anchor @ 5346' 11/20/06 4529-4540' 4 JSPF 44 holes SUCKER RODS:¾"x4'x3/4x8' pony's, 99-3/4"x25 scrapered rods, 98-3/4" 11/20/06 4403-4410' 28 holes 4 JSPF x25slick rods, 10-3/4" x25scrapered rods, 6-1 1/2"x25 weight rods. 11/20/06 4252-4262' SN 5445' 4 JSPF 40 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC 5368-53853 11/20/06 3920-3940\* 4 JSPF 80 holes STROKE LENGTH: 86° PUMP SPEED, 5 SPM: EOT @' PBTD @ 5845' NEWFIELD SHOE @ 5892' Ashley Federal 2-25-9-15 TD @ 5910' 903'FNL & 1835' FEL NW/NE Section 25-T9S-R15E Duchesne Co, Utah

API #43-013-32883; Lease #UTU-66185

# Ashley Federal 6-25-9-15

Spud Date: 09/22/06 Initial Production: BOPD, Put on Production: 11/07/06 Wellbore Diagram MCFD, BWPD K.B.: 6188, G.L.: 6176 FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 10/30/06 5216-5223 Frac CP.5 sands as follows: 24055# 20/40 sand in 329 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2255 psi WEIGHT: 24# w/avg rate 24.8 BPM. ISIP 2010 psi. Calc flush: 5221 gal. Actual flush: 5082 gal. LENGTH: 7 jts. (310.92') 10/30/06 4980-51383 Frac LODC sands as follows: DEPTH LANDED: 322.77' KB 75092# 20/40 sand in 567 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2545 psi w/avg rate of 26.7 BPM. ISIP 2010 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 5136 gal. Actual flush: 4452 gal. 10/30/06 4596-46033 Frac B2 sands as follows: 24277# 20/40 sand in 324 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.9 BPM. ISIP 2080 psi. Calc flush: 4601 gal. Actual flush: 4116 gal. 10/30/06 4319-4347 Frac D2 sands as follows: 27462# 20/40 sand in 335 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc CSG SIZE: 5-1/2" flush: 4345 gal. Actual flush: 3822gal. GRADE: J-55 10/30/06 4122-4130' Frac PB11 sands as follows: WEIGHT: 15.5#  $30307 \#\ 20/40$  sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2950 psi w/avg rate 8.25 BPM. ISIP psi. Calc LENGTH: 129 jts. (5671.28') 4122-4130 DEPTH LANDED: 5684.53' KB flush: 4128 gal. Actual flush: 4032 gal. HOLE SIZE: 7-7/8" CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 4319-4327 4341-4347' SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4596-4603' NO. OF JOINTS: 164 jts (5173.46') TUBING ANCHOR: 5185.46' KB NO. OF JOINTS: 1 jts (31.60') 4980-4989' SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5219.86' KB 5006-5016' NO. OF JOINTS: 2 jts (62.97') TOTAL STRING LENGTH: EOT @ 5284.38' KB 5129-5138 Anchor @ 5185' PERFORATION RECORD SUCKER RODS SN 5219' 10/24/06 5216-52233 28 holes 10/24/06 5129-5138' 9 JSPF 36 holes POLISHED ROD: 1-1/2" x 22' SM 5216-5223 10/30/06 5006-5016' 4 ISPF 40 holes SUCKER RODS:1-8', 1-6', 1-2' x 3/4" pony rod, 100-3/4" guided rods,92-3/4" plain rods, 10-3/4" scrapered rods, 6-1  $\frac{1}{2}$ " weight rods. 4980-4989' 4 JSPF 10/30/06 36 holes 10/30/06 4596-4603' 4 JSPF 4341-4347' 4319-4327' 10/30/06 4 JSPF 24 holes PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger 10/30/06 4 JSPF 32 holes STROKE LENGTH: 86" 10/30/06 4122-4130' 4 JSPF 32 holes PUMP SPEED, 5 SPM: NEWFIELD PBTD @ 5653' Ashley Federal 6-25-9-15 SHOE @ 5684' 1546' FNL & 2069' FWL SE/NW Section 25-T9S-R15E TD @ 5700' Duchesne Co, Utah

API #43-013-32946; Lease #UTU-66185

# Ashley Federal 7-25-9-15

Spud Date: 10-3-06 Put on Production: 1-22-07

Ashley Federal 7-25-9-15

1733' FNL & 1658' FEL SW/NE Section 25-T9S-R15E Duchesne Co. Utah API # 43-013-32909; Lease # UTU-66185 Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

GL: 6183' KB: 6195' FRAC JOB 01-08-07 5242-5253 Frac CP1 sands as follows: Cement top @ 80 93361# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 2560 psi SURFACE CASING w/avg rate of 22.7 BPM. ISIP 2350 psi. Calc CSG SIZE: 8-5/8" flush: 5240 gal. Actual flush: 4746 gal. GRADE: J-55 Frac LODC sands as follows: 01-09-07 5144-5160' 35081# 20/40 sand in 339 bbls Lightning 17 WEIGHT: 24# frac fluid. Treated @ avg press of 2699 psi LENGTH: 7 jts (310.96') w/avg rate of 24.6 BPM. ISIP4200 psi. Calc flush: 5142 gal. Actual flush: 2604 gal. DEPTH LANDED: 322.64' KB HOLE SIZE:12-1/4" 01-11-07 4346-44221 Frac D1. & D2 sands as follows: CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. 48392# 20/40 sand in 512 bbls Lightning 17 frac fluid. Treated @ avg press of 2303 psi w/avg rate of 24.4 BPM. ISIP 2050 psi. Calc flush: 4344 gal. Actual flush: 4242 gal. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 132 jts. (5692.28') DEPTH LANDED: 5705.53' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. CEMENT TOP AT: 80' TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 165 its (5200.93") TUBING ANCHOR: 5212.93' KB NO. OF JOINTS: 1 jts (31.60') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5247.33' KB NO. OF JOINTS: 2 jts (63.01') TOTAL STRING LENGTH: EOT @ 5311.89' KB 4346-4362' PERFORATION RECORD SUCKER RODS 4416-4422 01-04-07 5242-5253' 4 JSPF 44 holes 01-08-07 5157-5160' 4 JSPF POLISHED ROD: 1-1/2" x 22' SM 01-08-07 5144-5150' 4 ISPF 24 holes SUCKER RODS: 1-6', 1-4', & 1-2' X 1/2" pony rods, 100-11/2" scrapered rods, 01-11-07 4416-4422' 4 JSPF 24 holes 93- 34" plain rods, 10- 34" scrapered rods, 6-1 1/2 " weight rods. 01-11-07 4346-4362' 4 JSPF 64 holes PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger STROKE LENGTH: 86" 5144-5150\* PUMP SPEED, SPM: 4.5 SPM 5157-5160' Anchor @ 5213' 5242-5253' SN @ 5247 EOT @ 5312' NEWFIELD PBTD @ 5650' SHOE @ 5705' TD @ 5746'

# Ashley Federal 5-25-9-15

Spud Date 09/25/2006 Initial Production: BOPD, Put on Production: 11/27/2006 MCFD, BWPD Wellbore Diagram GL: 6301' KB: 6313' FRAC JOB 11/10/2006 5228-5244\* Frac LODC sands as follows: 85862# 20/40 sand in 662 bbls Lightning 17 SURFACE CASING frac fluid. Treated @ avg press of 230 psi w/avg rate of 25.5 BPM. ISIP 2680 psi. Calc flush: 5226 gal. Actual flush: 4809 gal. CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# 9-6-07 Pump change. Updated rod & tubing details. LENGTH: 7 jts. (310.84') DEPTH LANDED: 322.69' KB HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf. PRODUCTION CASING CSG SIZE: 5-1/2" Cement Top @ 1320' GRADE: J-55 WEIGHT: 15.5# LENGTH: 131 jts. (5801.70') DEPTH LANDED: 5800.95' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 168 jts (5186.57') TUBING ANCHOR: 5198.57' NO. OF JOINTS: 1 jts (29.45') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5230.82' NO. OF JOINTS: 2 jts (63.00') TOTAL STRING LENGTH: EOT @ 5295.37' PERFORATION RECORD SUCKER RODS 10-31-06 5686-5706' 4 JSPF 64 holes POLISHED ROD: 1-1/2" x 26' SUCKER RODS:1-2' x ¾" pony rod, 98-3/4" scrapered rods, 83-3/4" plain rods, 25-3/4" scrapered rods, 6-1 ½" weight rods, 1-2' x 7/8" pony rod. PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17' x 21' RHBC MG-3 W/ RD kit STROKE LENGTH: 86" PUMP SPEED, 5 SPM: Anchor @ 5199' 5228-5244' SN @ 5231' EOT @5295' NEWFIELD PBTD @ 5733' SHOE @5801' Ashley Federal 5-25-9-15 TD @ 5830' 2091'FNL & 505' FWL SW/NW Section 25-T9S-R15E Duchesne Co, Utah

API #43-013-32885; Lease #UTU-66185

# Ashley Federal 11-25-9-15

Attachment E-11

Spud Date: 10/25/2006 Put on Production:

GL: 6269' KB: 6281'

API #43-013-32910; Lease #UTU-66185

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

FRAC JOB 11/27/06 5399-54363 Frac CP2 sands as follows: 34,663# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc SURFACE CASING Cement Top @ 202' CSG SIZE: 8-5/8" flush: 5397 gal. Actual flush: 4872 gal. 11/27/06 5152-51593 Frac LODC sands as follows: 24,486# 20/40 sand in 333 bbls Lightning 17 GRADE: J-55 WEIGHT: 24# frac fluid. Treated @ avg press of 2635 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc LENGTH: 7 jts. (311.00') flush: 5150 gal. Actual flush: 4662 gal. Frac LODC sands as follows: 11/27/06 5034-5044 DEPTH LANDED: 322.85' KB 24,788# 20/40 sand in 332 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2420 psi CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. w/avg rate of 25 BPM. ISIP 2380 psi. Calc flush: 5032 gal. Actual flush: 4536 gal. 11/27/06 4910-4936 Frac LODC sands as follows: 40,879# 20/40 sand in 387 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2585 psi w/avg rate of 27 BPM. ISIP 2500 psi. Calc flush: 4908 gal. Actual flush: 4410 gal. CSG SIZE: 5-1/2" GRADE: J-55 11/27/06 4694-47013 Frac A5 sands as follows: 19,469# 20/40 sand in 282 bbls Lightning 17 WEIGHT: 15.5# frac fluid. Treated @ avg press of 2315 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc LENGTH: 129 jts. (5687.01') flush: 4692 gal. Actual flush: 4200 gal. DEPTH LANDED: 5700.26' KB 11/27/06 4491-44983 Frac B.5 sands as follows: 20.982# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 2525 psi CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ. w/avg rate of 24.9 BPM. ISIP psi. Calc flush: 4489 gal. Actual flush: 33 bbl short gal. SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 171 jts (5373.82') TUBING ANCHOR: 5385.82' KB NO. OF JOINTS:2 jts (63.21') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5451.83' KB NO. OF JOINTS:2 its (60.46') TOTAL STRING LENGTH: EOT @ 5513.84' KB 4491-4498' PERFORATION RECORD SUCKER RODS 4694-4701 11/27/06 5428-5436' 4 JSPF 32 holes 11/27/06 5399-5407' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 22' SM 4910-4936 11/27/06 5152-5159\* 4 ISPF 28 holes SUCKER RODS: 4'-6' & -8' x 34" pony rod, 99-3/4" scrapered rods, 101-3/4" 11/27/06 5034-5044\* 4 JSPF 40 holes slick rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 5034-5044' 11/27/06 4910-4936 4 JSPF 104 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x15' RHAC 11/27/06 4 JSPF 28 holes 5152-5159\* 11/27/06 4491-4498 4 JSPF 28 holes STROKE LENGTH: 84" PUMP SPEED, 6 SPM: 5399-5407' Anchor @ 5386' 5428-5436 SN @ 5452' NEWFIELD EOT @5514 ' PBTD @ 5652' SHOE @ 5700' Ashley Federal 11-25-9-15 TD @ 5750' 1916'FSL & 2154' FWL NE/SW Section 25-T9S-R15E Duchesne Co. Utah



AHachment F 10f4 Analysis: 41372

# Water Analysis Report from Baker Petrolite

	Summary of Mix	ing Waters
Sample Number	389461	384236
Company	NEWFIELD EXPLORATION	NEWFIELD EXPLORATION
Lease	JOHNSON WATER	ASHLEY FACILITY
Well	PUMP STATION 2	3-25-9- <b>2</b> 5
Sample Location	PUMP DISCHARGE	WELLHEAD
Anions (mg/L)		
Chloride	17.0	13,934
Bicarbonate	319	793
Carbonate	0.00	100
Sulfate	89.0	11.0
Phosphate	0.00	0.00
Borate	0.00	0.00
Silicate	0.00	0.00
Cations (mg/L)		
Sodium	85.9	9,253
Magnesium	22.0	27.0
Calcium	40.0	55.0
Strontium	0.20	17.0
Barium	0.20	10.0
Iron	0.10	9.00
Potassium	0.20	49.0
Aluminum	0.00	0.00
Chromium	0.00	0.00
Copper	0.00	0.00
Lead	0.00	0.00
Manganese	0.03	0.20
Nickel	0.00	0.00
Anion/Cation Ratio	1.00	1.00
TDS (mg/L)	574	24,259
Density (g/cm)	1.00	1.02
Sampling Date	1/10/07	2/13/07
Account Manager	RANDY HUBER	RANDY HUBER
Analyst	LISA HAMILTON	LISA HAMILTON
Analysis Date	1/17/07	1/26/07
pH at time of sampling		
pH at time of analysis	8.16	8.56
pH used in Calculations		8.56



#### **Baker Petrolite**

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AHachment F 2 of 4 Analysis: 41372

# Water Analysis Report by Baker Petrolite

#### **NEWFIELD EXPLORATION**

ASHLEY FACILITY 3-25-9-\$5 WELLHEAD Account Manager RANDY HUBER

Summary	,		Analysis of Sample 384236 @ 75°F						
Sampling Date	2/13/07	Anions	mg/l	meq/l	Cations	mg/l	meq/l		
Analysis Date	1/26/07	Chloride	13934	393	Sodium	9253	402		
Analyst	LISA HAMILTON	Bicarbonate	793	13.0	Magnesium	27.0	2.22		
-		Carbonate	100	3.33	Calcium	55.0	2.74		
TDS (mg/l or g/m³)	24258.6	Sulfate	11.0	0.23	Strontium	17.0	0.39		
Density (g/cm³ or tonne/m³)	1.018	Phosphate	N/A	N/A	Barium	10.0	0.15		
Anion/Cation Ratio	1.00	Borate	N/A	N/A	Iron	9.00	0.32		
		Silicate	N/A	N/A	Potassium	49.0	1.25		
,					Aluminum	N/A	N/A		
					Chromium	N/A	N/A		
					Copper	N/A	N/A		
		pH at time of same	oling	,	Lead	N/A	N/A		
		pH at time of analy	/sis	8.56	Manganese	0.20	0.01		
		pH used in Calcu			Nickel	N/A	N/A		

Specific ion interactions calculated only for ions in bold faced type.

Cond	itions	Values Ca	- Amounts of S	cale in lb/1000bb	d		
Temp.	Gauge Press.	Calcite CaCO ₃	Gypsum CaSO <sub>4</sub> •2H <sub>2</sub> O	Anhydrite CaSO ₄	Celestite SrSO 4	Barite BaSO ₄	Calc. CO <sub>2</sub>
°F	psi	Index Amount	Index Amount	Index Amount	Index Amount	Index Amount	psi
80	0.	1.04 35.7	-3.63	-3.69	-2.34	0.54 3.23	0.03
100	0.	0.96 34.9	-3.66	-3.65	-2.33	0.38 2.49	0.05
120	0.	0.89 34.4	-3.67	-3.58	-2.32	0.24 1.72	0.10
140	0.	0.85 34.2	-3.68	-3.50	-2.30	0.13 0.96	0.19

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.



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Attachment F 3 of 4 Analysis: 41372

# **Water Analysis Report from Baker Petrolite**

Mixes at 140°F and 0 psi

Pro	Predictions of Carbon Dioxide Pressure, Saturation Index and Amount of Scale in lb/1000bbl											
Mix V	/aters	CO2	Calcite CaCO <sub>3</sub>	Gypsum CaSO₄•2H₂O	Anhydrite CaSO₄	Celestite SrSO₄	Barite BaSO₄					
389461	384236	psi	Index Amount	Index Amount	Index Amount	Index Amount	Index Amount					
100%	. 0%	0.09	1.01 16.3	-1.87	-1.70	-2.38	0.28 0.06					
90%	10%	0.09	0.94 17.2	-2.20	-2.03	-1.73	0.72 0.57					
80%	20%	0.09	0.91 19.5	-2.40	-2.23	-1.65	0.79 1.07					
70%	30%	0.10	0.89 21.9	-2.56	-2.38	-1.64	0.79 1.56					
60%	40%	0.11	0.87 24.1	-2.69	-2.52	-1.66	0.77 2.01					
50%	50%	0.12	0.86 26.1	-2.82	-2.65	-1.70	0.73 2.42					
40%	60%	0.13	0.86 28.0	-2.95	-2.77	-1.75	0.67 2.76					
30%	70%	0.15	0.85 29.7	-3.08	-2.90	-1.83	0.60 2.98					
20%	80%	0.16	0.85 31.2	-3.23	-3.05	-1.93	0.49 2.98					
10%	90%	0.18	0.85 32.7	-3.41	-3.24	-2.07	0.35 2.49					
0%	100%	0.19	0.85 34.2	-3.68	-3.50	-2.30	0.13 0.96					

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported  $CO_2$  pressure is the calculated  $CO_2$  fugacity. It is usually nearly the same as the  $CO_2$  partial pressure.



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AHachment F 4 of 4

Rocky Mountain Region 1675 Broadway, Suite 1500 Denver, CO 80202 (303) 573-2772 Lab Team Leader - Shella Hernandez

(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:

**NEWFIELD EXPLORATION** 

Sales RDT:

44206

Region:

**ROCKY MOUNTAINS** 

Account Manager: RANDY HUBER (435) 823-0023

Area:

MYTON, UT

Sample #:

389460

Lease/Platform:

**ASHLEY FACILITY** 

Analysis ID #:

67486

Entity (or well #):

INJECTION SYSTEM

Analysis Cost:

\$80.00

Formation:

UNKNOWN

Sample Point:

TRIPLEX SUCTION

Summary	Analysis of Sample 389460 @ 75 °F							
Sampling Date: 1/10/07	Anions	mg/l	meq/l	Cations	mg/l	meq/l		
Analysis Date: 1/17/07	Chloride:	797.0	22.48	Sodium:	845.1	36,76		
Analyst: LISA HAMILTON	Bicarbonate:	868.0	14.06	Magnesium:	21.0	1.73		
	Carbonate:	0.0	0.	Calcium:	45.0	2.25		
TDS (mg/l or g/ma): 2790.1	Suifate:	214.0	4.46	Strontium:	1.0	0.02		
Density (g/om3, tonne/m3): 1.001	Phosphato:			Barium:	1.0	0.01		
Anion/Cation Ratio: 0.9999998	Borate:			Iron:	2.0	0,07		
	Silicate:			Potassium:	6.0	0.15		
_				Aluminum:				
Carbon Dioxide:	Hydrogen Suifide;			Chromium:				
Oxygen:	pH at time of sampling:			Copper:	•	i i		
Comments:	, ,			Lead;				
•	pH at time of analysis:		8.08	Manganese:	0.040	Đ.		
	pH used in Calculation:	•	8.06	Nickel:		•		

Condi	tions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp Gauge Press.		Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> 2H <sub>2</sub> 0		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press	
°F	psi	Index	Amount	Index	Amount	index	Amount	Index	Amount	Index	Amount	psi	
80	0	0.90	22.37	-1.77	0.00	-1,84	0.00	-1,69	0,00	1.41	0.70	0.1	
100	0	0.97	25.17	-1.78	0.00	-1.78	0.00	-1.68	0.00	1.27	0.70	0.15	
120	0	1.04	27.61	-1.77	0.00	-1.70	0.00	-1.65	00,0	1.16	0.70	0.22	
140	D	1.12	30,06	-1,76	0.00	-1.50	0.00	-1.61	0.00	1.07	0.70	0.31	

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Attachment "G"

# Ashley Federal #3-25-9-15 Proposed Maximum Injection Pressure

	nterval	Ava Donth	iein	Calculated Frac	
Top	eet) Bottom	Avg. Depth (feet)	ISIP (psi)	Gradient (psi/ft)	Pmax
4982	4993	4988	2680	0.97	2648
4701	4708	4705	2700	1.01	2669
4584	4591	4588	2025	0.87	1995 ←
4472	4488	4480	2370	0.96	2341
				Minimum	1995

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1 1 of 5

WELL NAME: ASI	ey Federal 3-25-9-15	Report Date:	10/19/2006	_	Day: 1
Operation: <u>Co</u>	mpletion		Rig:	Rigless	
	,	WELL STATUS			<del>*************************************</del>
Surf Csg: <u>8 5/8'</u> @	***************************************	Prod Csg:5 1/2"	@ 5763'	Csg PBTD:	5955' WL
Tbg: Size:	Wt: Gr	rd:Pkr/EO	Т @:	BP/Sand PBTD:	
	PEI	RECORD RECORD	1		
Zone Per			-	<u>Perfs</u>	SPF/#shots
•		***************************************	·		
1000.400					
LODC sds 4982-499	<u>4/44</u>				
	CHRON	OLOGICAL OPERATI	ONS		***************************************
Date Work Performed:	10/18/2006			SICP:	0
bbls EWTR. SIFN.					
	FLU	ID RECOVERY (BBLS	<u>)</u>	***************************************	
Starting fluid load to be reco	overed:0	Starting oil rec to da	te:		
Fluid lost/recovered today: Ending fluid to be recovered	137 1: 137	Oil lost/recovered to Cum oil recovered:	day:	***************************************	
IFL: FFL:	FTP:		Final Fluid Rate:	Final o	oil cut:
STI	MULATION DETAIL		·	COSTS	*****
Base Fluid used:			Weath	erford BOP	\$1,150
Company:			NF	C NU crew	\$300
Procedure or Equipment det	tail:		NE	SI trucking	\$800
***************************************			Perfo	orators LLC	\$5,710
				Orilling cost	\$262,722
				NDSI hot oil	\$525
			Location	preparation	\$300
			NP	C wellhead	\$1,500
			Benc	o - anchors	\$1,200
•			Admin	. Overhead	\$3,000
***************************************			NPC	Supervisor	\$300
Max TP: Max Rate			****		
Avg TP: Avg Rate ISIP: 5 min			DAILVO	OCT.	<u></u>
Completion Supervisor	WHO I SHOW I WANTED	15 min:	DAILY C TOTAL WE		\$277,507
Sombiguon anheratan	. Dou Dulen		IOIAL WE	TF CO21:	\$277,402



Attachment G-1 2 of 5

WELL NA	ME:	Ashley Fed	eral 3-25-9-15	Repo	ort Date:	10	/26/2006	_	Day:	2a
Opera	ation:	Completion	n	<del>.</del>			Rig:	Rigless		
			V	VELL STA	TUS					
	8 5/8'	@ 323'	Proc	d Csg:5	5 1/2"	@	5763'	Csg PBTD:	5955	'WL
Tbg:	Size:	Wt:	Grd:		Pkr/E0	OT @:		BP/Sand PBTD:		
			PERF(	ORATION	RECORI	)				
Zone		Perfs	SPF/#shots		Zoı	ne		<u>Perfs</u>	SPF/#	shots
				•					New control of the co	**************************************
					***************************************				***************************************	
LODC sds		4982-4993'	4/44		***************************************		PHILIPPIN			<u> </u>
<del></del>			CHRONOL	OCICAL O	DEDAT	IONE				
Date Work I	Perfo	rmed: 10	<u>CHRONOL</u> 0/25/2006	OGICAL (	JPERAT	ION2	SITP	SICP:	0	ì
							OIII.	0101 .		<del></del>
Day2a.	vices	"Ram Head" frac	flange. RUBJ&	fran stane	#1 LOF	)C ede	e down caei	na w/ 50 272#'s c	4 20/4C	) can
			iid. Open well w/							
			ave rate of 26.9							
			WTR. Leave pres					0 0, 1070 1102 111	10011 10	1 1107
			•			•				
			FLUID	RECOVER	RY (BBLS	3)				
_		to be recovered:	137	Starting oi	-	-				
Fluid lost/red			475	Oil lost/red		oday:				
Ending fluid IFL:	to be	recoverea:	612 FTP: C	Cum oil re hoke:	covered:	Final	Fluid Rate:	Final	oil cut:	
		***************************************					Tidia Nato.	**************************************	on out.	
Rase Fluid u	sed.	Lightning 17	ION DETAIL Job Type:	Sand Fra	nc		Weatherfo	COSTS ord Services		\$975
Company:	-	3J Services		Odilu i ia		•	***************************************	rkg frac wtr		,687
Procedure or	r Equi	pment detail:	LODC sds down	casing		-		PC fuel gas	<del>4</del>	\$259
						•	BJ Service	es LODC sd	<u>\$27</u>	7,690
4578 g	gals o	f pad					NPC	Supervisor		\$75
<u>3000 g</u>	gals w	v/ 1-5 ppg of 20/4	0 sand							
6000 g	gals w	/ 5-8 ppg of 20/4	0 sand							
1374 c	gals w	/ 8 ppg of 20/40 s	sand	***************************************						
504 ga	als of	15% HCL acid		·						
Flush	w/ 44!	94 gals of slick w	ater							
** Flus	h call	ed @ blender to ir	nclude 2 bbls pump	o/line volun	ne**					
			9.5 Total fluid p	***************************************	5 bbls					
		_	6.9 Total Prop p	-	*************************					
ISIP: 2	***************************************	5 min:	10 min:	FC	3: <u>.97</u>		DAILY C	***************************************		,686
Completi	ion S	upervisor:	Ron Shuck				TOTAL WI	ELL COST:	\$308	3,088



Attachment G-1 3 of 5

WELL NAIVIE:	Asniey Federal	3-25-9-15	кероп рат	e: <u>10/</u>	26/2006	-	Day: 2b
Operation:	Completion				Rig:	Rigless	***************************************
		WE	LL STATUS				
Surf Csg: <u>8 5/8'</u>	@323'	Prod C		@ _	5763'	Csg PBTD:	5955' WL
Tbg: Size:_	Wt:	Grd:	Pkr/	EOT @:		BP/Sand PBTD:	4810'
		PERFOR	RATION RECO	RD			
Zone	<u>Perfs</u>	SPF/#shots		Zone		Perfs	SPF/#shots
		***************************************	***		<del></del>		
A1 sds	4701-4708 <b>'</b>	4/28	,	***************************************	***************************************		
LODC sds	1982-4993'	4/44	***************************************				
Date Work Perfor	mod: 10/25	<u>CHRONOLO</u> /2006	GICAL OPERA	ATIONS	CITD.	elen.	2050
		***************************************			SITP:	SICP:	
Day2b. RU Lone	Wolf WLT, crane &	lubricator. RIH	w/ Weatherford	l 5-1/2" (6	SK) compos	site flow through f	rac plug & 7
	ı @ 4810'.  Perforatı RU BJ & perfs won'						
	f 20/40 sand in 346						
	back to 1900 psi. T						
12 bbls of 15% HC	L in flush for next s	tage. ISIP was 2	700. 958 bbis	FWTR I	eave pres	sure on well <b>See</b>	r sand. Opo e dav2c
							•
	11 14 (1 to 1 t	FLUID RE	ECOVERY (BB	LS)		*** · · · · · · · · · · · · · · · · · ·	
Starting fluid load t	***************************************		tarting oil rec to	****			
Fluid lost/recovere Ending fluid to be a	**************************************	***************************************	il lost/recovered um oil recovere				
<del>-</del>	44-44	T	oke:	****	Fluid Rate:	Final (	oil cut:
	STIMULATION	N DETAIL				COSTS	
Base Fluid used:			Sand Frac		Weatherfo	rd Services	\$2,200
Company: B	J Services				C-D t	rkg frac wtr	\$821
Procedure or Equip	oment detail: A1	sds down casing	g	-	NI	PC fuel gas	\$126
***************************************	****				BJ Serv	vices A1 sd	\$8,812
2982 gals of	pad				NPC	Supervisor	\$75
2319 gals w/	1-4 ppg of 20/40 sa	and			Lone V	Voif A1 sds	\$4,850
4527 gals w/	4-6.5 ppg of 20/40	sand					
504 gals of 1	5% HCL acid				***************************************		
Flush w/ 420	0 gals of slick water	•			·····		
·				·····			
T-111-11111111111111111111111111111111	d @ blender to inclu	······································	<del></del>		***************************************		·····
Max TP: <u>2770</u> Avg TP: <u>2635</u>		Total fluid pm				-	
ISIP: 2700	Avg Rate: <u>24.9</u> 5 min:	l otal Prop pm 10 min:	pd: <u>29,486#'s</u> FG: 1.01		DAILY C	OST·	\$16,884
Completion Su	***************************************	n Shuck	1.01		TOTAL WE	7.000.30	\$324,972
•					T II		ΨυΖΤ,υ1Ζ



Attachment G-1 4 of 5

WELL NAME:	Ashley Federa	Ashley Federal 3-25-9-15			10/	26/2006		Day:	2c
Operation	: Completion					Rig:	Rigless	<u> </u>	<u>.</u>
		W	ELL S	TATUS					
Surf Csg: 8 5/8	3' @323'	Prod	Csg:	5 1/2"	@ _	5763'	Csg PBT	D: <u>5955</u>	'WL
Tbg: Size	: Wt:	Grd:		Pkr/E0	OT @: _		BP/Sand PBT		55'
		PERFO	RATIO	ON RECORI	<b>)</b>		plug 48	10.	
Zone	<u>Perfs</u>	SPF/#shots	100110	Zo			<u>Perfs</u>	SPF/#	shots
		***************************************				***************************************			
B2 sds	4584-4591'	4/28		<del></del>		***************************************			
A1 sds LODC sds	4701-4708' 4982-4993'	4/28				***************************************		<u> </u>	
LODG Sus	4902-4993								***************************************
***************************************		CHRONOL	OGICA	L OPERAT	IONS				
Date Work Perf	ormed: 10/2	5/2006				SITP:	SIC	P: 14	50
Day2c.	<u></u>					•	***************************************		
34,746#'s of 20/ 3534 psi, back to	a perfs won't break d 40 sand in 377 bbls o 1644 psi. Treated h for next stage. ISI	of Lightning 17 f @ ave pressure	frac flu of 205	id. Open w 0 @ ave rat	ell w/ 1 e of 25	450 psi on bpm w/ 6.5	casing. Perfs ppg of sand.	broke do Spot 12	own @
Starting fluid loa Fluid <u>lost</u> /recove Ending fluid to b IFL:	e recovered: 1	958 377 335	Startin Oil lost	/ERY (BBL: g oil rec to d t/recovered t il recovered:	ate: oday: _	Fluid Rate:	Fin	al oil cut:	:
	STIMULATIO	ON DETAIL	-				COSTS		
Base Fluid used:		Job Type:	Sand	Frac		Weatherfo	rd Services	\$	2,200
Company:	BJ Services				•	C-D 1	rkg frac wtr		\$958
Procedure or Equ	uipment detail: B	2 sds down casi	ng		-	N	PC fuel gas		\$147
1386 gals	to cross link					BJ Ser	vices B2 sd	\$	9,910
3276 gals	of pad				· ·	NPC	Supervisor		\$75
2431 gals	w/ 1-4 ppg of 20/40 s	sand			_	Lone \	Volf B2 sds	\$	4,850
4890 gals	w/ 4-6.5 ppg of 20/40	) sand							
617 gals w	// 6.5 ppg of 20/40 sa	ınd							
504 gals o	f 15% HCL acid								
Flush w/ 4	116 gals of slick wate	ər							
** Flush ca	lled @ blender to incl	ude 2 bbls pump	/line vo	olume**	<u>-</u>				
Max TP: 2220	Max Rate: 25.3	Total fluid p	mpd: _	377 bbls					
Avg TP: 2050		Total Prop p	mpd:_	<del></del>		······································			
ISIP: 2025		10 min:		FG: <u>.88</u>		DAILY C			8,140
Completion	Supervisor: R	on Shuck				TOTAL WI	ELL COST:	\$34	3,112



#### **DAILY COMPLETION REPORT**

Attachment G-1 5 of 5 Day: 2d

WELL N	AME:	As	hley Fede	eral 3-25-9-15	R	eport Date:	10	26/2006	_		Day:	2d
Oper	ation:	_(	Completio	n	·····			Rig:	Riç	gless		
					WELL S	TATUS			<del>** *** * * * ***</del>			
Surf Csg:	8 5/8'	@	323'		Prod Csg:	5 1/2"	@	5763'	Csg	PBTD:	5955	'WL
Tbg:	Size:		Wt:		Grd:	Pkr/E	OT @:		BP/Sand		*************	
				DE	DEODATI	ON DECOR	n		plug	4810	4655'	
Zone			Perfs	SPF/#s		ON RECOR	one D		Perfs		SPF/#	ehote
C sds		4472-4		4/64	11012	<u> </u>	TIZ.		Lens		SEL ITTS	SHOLS
B2 sds		4584-4		4/28		***************************************		***************************************				
A1 sds		4701-4	708'	4/28		<del></del>			*	<del></del>		***************************************
LODC sds		4982-4	993'	4/44						_		
						201400000000000000000000000000000000000	**************************************	LARCOCCUMENTO DATA CONTROL	·			***************************************
					NOLOGICA	AL OPERAT	IONS					
Date Work	Perfo	rmed:	10	/25/2006				SITP:		SICP:	148	<u>80</u>
Day2d.												
RŮ WLT.				6' perf gun. S								
				down. RIH								
				ls of Lightning								
			•	ed @ ave pre WLT. Flow w		_		•	•			
2070. 170	DDIG	_ • • • • • • • • • • • • • • • • • • •	IND DO G	VVL1. 1.0W V	ron back. V	ven newca i	0, 0 1,0	ars a area	W, 240 DDIO	100 u.	On IV.	
		····										
0						VERY (BBL	•					
Starting flui				<u>1737</u> 240		g oil rec to d t/recovered						
Ending fluid				1497		il recovered		······································	····	***		
IFL:		FFL:		FTP:	Choke:			Fluid Rate:	***************************************	– Final	oil cut:	
			TIMILI AT	ION DETAIL			<del>-</del> 	<del></del>	COST	<u>-</u>		
Base Fluid	used.			Job Type:	Sand	Frac		Weatherfo	ord Services		\$:	2,200
Company:	-	3J Ser		_ oob Type	Jana	1140			trkg frac wt		***************************************	1,094
Procedure of				- C sds down o	casing		•		PC fuel gas			\$168
	<b></b>	<b>P</b>			ouog		•	***************************************	ervices C so	****	***************************************	3,641
3864	gals o	f pad							Supervisor	****		\$75
***************************************	<del></del>		pg of 20/40	0 sand				***************************************	Wolf C sds			4,580
			ppg of 20/	······				***************************************	wtr transfe	_		\$400
n			g of 20/40								<del></del>	<u> </u>
			of slick w								<del></del>	
		- Jui										
	.,									<del>decor</del> .	***************************************	***************************************
Max TP:	2550	Max R	ate: 2	5.1 Total flu	uid pmpd: _	402 bbls	•         •			_		
Avg TP:	2325	Avg R	ate: 24	4.9 Total P	rop pmpd: _	37,000#'s						
ISIP:	2325	5 r	ກin:	10 min: _		FG: <u>.96</u>	_	DAILY C	OST:		\$32	2,158
Comple	tion S	upervi	sor:	Ron Shuck				TOTAL W	ELL COST		\$375	5,270

### ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4422'.
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class G cement.
3.	Plug #2	Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4.	Plug #3	Pump 43 sx Class G cement down 5-1/2" casing to 373'.

The approximate cost to plug and abandon this well is \$35,401.

# Ashley Federal 3-25-9-15

Spud Date: 9-21-06 Put on Production: 11-01-06

GL: 6146' KB: 6158'

Proposed P & A Wellbore Diagram

Cement top @ 9'

Initial Production: BOPD, MCFD, BWPD

#### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT: 24# LENGTH: 7 jts (311-28') DEPTH LANDED: 323.13' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 135 jts. (5749.95') DEPTH LANDED: 5763.2' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 330 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 9'

200' Balanced Plug (25 sx) Class G Cement over water zone 2000' - 2200'

Pump 43 sx Class G Cement down 5 -1/2" casing to 373'

Casing Shoe @ 323'

#### 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 4422'

4472-4488

4584-4591

= 4701-4708°

4982-4993'

PBTD @ 5747'

TD @ 5770'

# NEWFIELD

#### Ashley Federal 3-25-9-15

716' FNL & 2029' FWL

NE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32945; Lease # UTU-66185

FORM 3160-5 (September 2001)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not us	e this form for proposi	als to drill or to re-ent	eran	USA U1U-66185	
abandoned	6. If Indian, Allottee or Tribe Name.				
SUBMIT IN TRIPLICATE - Other Instructions on reverse side					/Agreement, Name and/or
l. Type of Well	1 Type of Well				
Oil Well Gas Well	Other			8. Well Name ar	nd No.
2. Name of Operator	COMPANIX				EDERAL 3-25-9-15
3a. Address Route 3 Box 363	NEWFIELD PRODUCTION COMPANY  3a. Address Route 3 Box 3630  3b. Phone (include are code)				
Myton, UT 8405	2	435.646.3721		4301332945	ol, or Exploratory Area
4. Location of Well (Footag 716 FNL 2029 FWL	e, Sec., T., R., M., or Survey L	Description)		MONUMENT	BUTTE
NENW Section 25 T9S R15	E			11. County or Pa	
12. CHE	CK APPROPRIATE BO	X(FS) TO INIDICAT	E NATURE OF	DUCHESNE,	
TYPE OF SUBMISSION	I ROTHING BO	ON(ES) TO INIDICAT	TYPE OF ACTION		THER DATA
TATE OF BODINESSION		F-3			
☑ Notice of Intent	Acidize  Alter Casing	Deepen Fracture Treat		ction(Start/Resume)	Water Shut-Off
☐ Subsequent Report	Casing Repair	New Construct	Reclar		Well Integrity
- Subsequent Report	Change Plans	Plug & Abando		orarily Abandon	Other
Final Abandonment	Convert to	Plug Back		Disposal	
hereby certify that the foregoing	is true and	Title			
correct (Printed/ Typed) David Gerbig			·· Paris		
David Gernig Signature	d Hela	Date	es Engineer	 H	
	THIS SPACE	FOR FEDERAL OF	R STATE OFFI	CE USE	
		T			
Approved by			itle	Date	3
Conditions of approval, if any, are attace ertify that the applicant holds legal or which would entitle the applicant to co-	equitable title to those rights in th		office		
itle 18 U.S.C. Section 1001 and Title	43 U.S.C. Section 1212, make it a	crime for any person knowingly	and willfully to make	to any department or age	ncy of the United

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

FORM 3160-5 (September 2001)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an					USA UTU-66185	
	vell. Use Form 3160-3	6. If Indian, Allottee or Tribe Name.				
SUBMIT IN T	RIPLICATE - Other	Instructions on reverse s	ide	7. If Unit or CA/	Agreement, Name and/or	
					AB	
1. Type of Well  Oil Well  Gas Well	Other			8. Well Name an	d No	
2. Name of Operator			DERAL 3-25-9-15			
NEWFIELD PRODUCTION CO	OMPANY			9. API Well No.		
3a. Address Route 3 Box 3630 Myton, UT 84052		3b. Phone (include ar	e code)	4301332945		
	Sec., T., R., M., or Survey De	435.646.3721 scription)	<del></del>	l l	ol, or Exploratory Area	
716 FNL 2029 FWL	sec., 1., 1., M., or burvey be	scription		MONUMEN'T  11. County or Par		
NENW Section 25 T9S R15E				DUCHESNE,		
12. CHECI	CAPPROPRIATE BOX	X(ES) TO INIDICATE NA	ATURE OF 1			
TYPE OF SUBMISSION		TYP	E OF ACTIO	N		
	Acidize	Deepen Deepen	Product	ion(Start/Resume)	☐ Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclama	· · · · · · · · · · · · · · · · · · ·	Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomp		Other	
pang.	Change Plans	Plug & Abandon	Tempor	arily Abandon	- Other	
Final Abandonment	Convert to	Plug Back	Water D			
hereby certify that the foregoing is correct (Printed/ Typed)	true and	Title				
David Gerbig Signature	, //,	Operations Eng	ineer			
Dan.	d Dell	Date / - /	5-02	8		
	THIS SPACE	FOR FEDERAL OR ST	ATE OFFIC	CE USE		
Approved by Conditions of approval, if any, are attach	ed. Approval of this nation descri	Title		Date	2	
ertify that the applicant holds legal or equivier would entitle the applicant to cond	uitable title to those rights in the					

# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: Newfield Production Company			Well: Ashley Federal 3-25-9-15		
Location:	25/9S/15E	API:	43-013-32945		

Ownership Issues: The proposed well is located on Federal land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Ashley Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,763 feet. A cement bond log demonstrates adequate bond in this well up to 2,494 feet. A 2 7/8 inch tubing with a packer will be set at 4,437 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 9 producing wells and 1 injection well in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is approximately 2,250 feet. Injection shall be the interval between 3,637 feet and 5,630 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 3-25-9-15 well is .87 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,995 psig. The requested maximum pressure is 1,995 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Ashley Federal 3-25-9-15 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak	Date	01/30/2008	
-------------------------------	------	------------	--

#### 4770 S. 5600 W. P.O. POX 704005 WEST VALLEY CITY, UTAH 84170 FED.TAX I.D.# 87-0217663

#### The Salt Lake Tribune



#### Morning News

#### PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210	1001402352	02/11/2008
P.O. BOX 145801		
SALT LAKE CITY. UT 84114		

ACCOU	NT NAME
DIV OF OIL-G	AS & MINING,
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000231941 /
SCHI	EDULE
Start 02/08/2008	End 02/08/2008
CUST,	REF. NO.
BEFORE THE DIVISION	ON OF OIL, GAS AND MINI IZE  2.00 COLUMN
TIMES	RATE
2	
MISC. CHARGES	AD CHARGES
AAMV	TOTAL COST
	190.00

#### AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I	CERTIFY THAT THE AT	TACHED ADVERTISEMENT OF	
BEFORE THE DIVISION OF OIL, GAS AND MINI	FOR DI	V OF OIL-GAS & MINING,	
WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORAT	TON, AGENT FOR THE S	ALT LAKE TRIBUNE AND DESE	RET
NEWS, DAILY NEWSPAPERS PRINTE IN THE ENGLISH LANG	SUAGE WITH GENERAL G	CIRCULATION IN UTAH, AND	
PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN TH	HE STATE OF UTAH.	.5	

PUBLISHED ON_	Start 02/08/2008	<b>.</b>	End 02/08/2008	1) 1/2
SIGNATURE	Anne	Crast		Thicker
DATE 02/11/2	2008	$\mathcal{O}$		

# BEFOREM E DIVISION OF OIL, GAS AND MINING DEFT RTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC 342

CAUSE NO. UIC 342

IN THE MATTER OF THE APPLICATION OF NEWFIELD EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 13-24-9-15, ASHLEY FEDERAL 13-25-9-15, ASHLEY FEDERAL 3-25-9-15, ASHLEY FEDERAL 7-25-9-15, ASHLEY FEDERAL 7-25-9-15, ASHLEY FEDERAL 7-25-9-15, ASHLEY FEDERAL 11-25-9-15, ASHLEY FEDERAL 11-25-9-15, ASHLEY FEDERAL 15-26-9-15, ASHLEY FEDERAL 11-26-9-15, ASHLEY FEDERAL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at Poxx 1.45801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Profestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 4th day of February, 2008

STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director UPAXLP

231941



# State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 4, 2008

Newfield Production Company 1401 17<sup>th</sup> Street, Suite 1000 Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 3-25-9-15, Section 25, Township 9 South, Range 15 East,

Duchesne County, Utah

Mr. Dave Gerbig,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been meet. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Associate Director

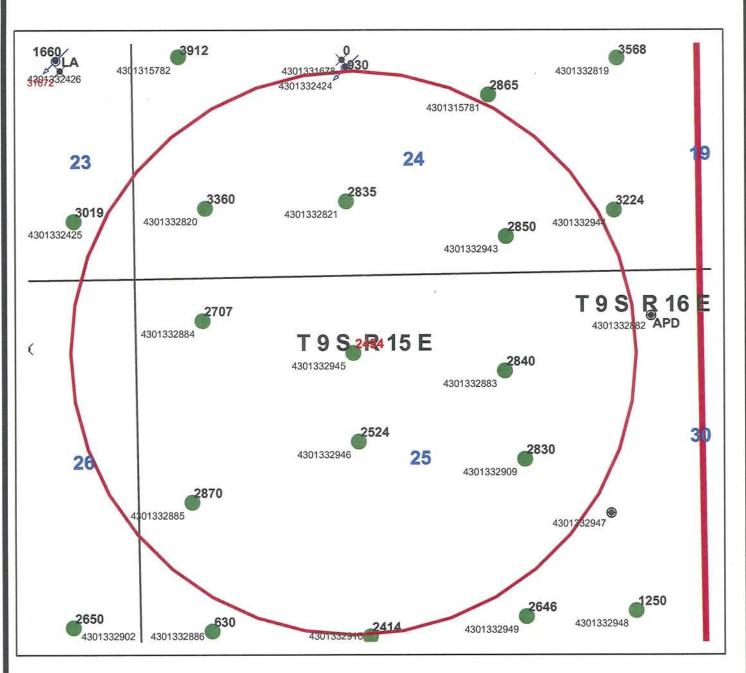
cc: Dan Jackson, Environmental Protection Agency

Bureau of Land Management, Vernal Newfield Production Company, Myton

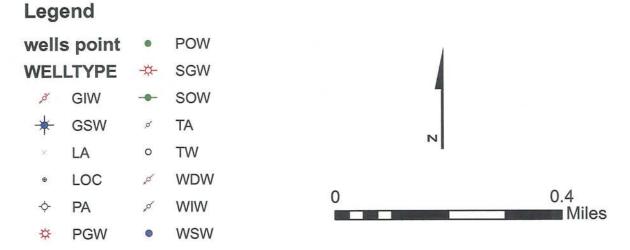
**Duchesne County** 

Well File





# Ashley Federal 3-25-9-15





September 7, 2010

Mr. Brad Hill State of Utah, DOGM 1594 West North Temple-Suite 1310 P.O. Box 145801 Salt Lake City, Utah 84114-5801

> RE: Injection Conversion Ashley Federal 3-25-9-15 API # 43-013-32945

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

Lucy Chavez-Naupoto Administrative Assistant

RECEIVED
SEP 1 3 2010

DIV. OF OIL, GAS & MINING

# STATE OF UTAH DEPARTMENT OF NATURAL

	5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66185		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to d wells, or to drill horizon	7. UNIT or CA AGREEMENT NAME: GMBU		
1 TYPE OF WELL:			8. WELL NAME and NUMBER:
OIL WELL	GAS WELL OTHER		ASHLEY FEDERAL 3-25-9-15
2. NAME OF OPERATOR:			9. API NUMBER;
NEWFIELD PRODUCTION COI	MPANY		4301332945
3. ADDRESS OF OPERATOR: Route 3 Box 3630	own Make	PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL:	CITY Myton STATE UT	ZIP 84052 435.646.3721	GREATER MB UNIT
FOOTAGES AT SURFACE: 716 FNL 2	2029 FWL		COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE	E. MERIDIAN: NENW, 25, T9S, R15E		STATE: UT
	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate data waste will	CASING REPAIR	NEW CONSTRUCTION	=
Approximate date work will	I=		TEMPORARITLY ABANDON
4**************************************	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR
SUBSEOUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of Work Completion:	X CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF
Date of Work Completion.	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER: -
08/30/2010	X CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show a	all pertinent details including dates, deaths	volumes etc
The subject well has been On 08/26/2010 Dennis Ing Permission was given at the charted for 30 minutes with	converted from a producing oil well pram with the State of Utah DOGM we nat time to perform the test on 08/26/	to an injection well on 08/20/2010. ras contacted concerning the initial /2010. On 08/30/2010 the casing w t injecting during the test. The tubi	MIT on the above listed well.
API# 43-013-32945			
			•
NAME (PLEASE PRINT) Lucy Chavez-N	Naupoto	TITLE Administrative As	sistant
SIGNATURE Rea C	- Kp	DATE 09/07/2010	
(This space for State use only)			

RECEIVED SEP 1 3 2010

#### **Daily Activity Report**

# Format For Sundry ASHLEY 3-25-9-15 6/1/2010 To 10/30/2010

8/19/2010 Day: 1

Conversion

WWS #7 on 8/19/2010 - LD rod string & pump. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 10 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Reflushed rods twice more on TOH. SIFN

Daily Cost: \$0

**Cumulative Cost:** (\$65,335)

#### 8/23/2010 Day: 2

Conversion

WWS #7 on 8/23/2010 - TOH w/ tbg. TIH w/ AS1 pkr. Pressure test tbg. Fish SV. Pump pkr fluid. Set pkr. Land tbg. Pressure test csg & pkr to 1500 psi. RDMOSU. - ND wellhead & release TA @ 5998'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 20 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 146 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 50 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4402', CE @ 4405' & EOT @ 4409'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. RDMOSU. READY FOR MIT.

Daily Cost: \$0

**Cumulative Cost:** (\$59,725)

#### 9/2/2010 Day: 3

Conversion

Rigless on 9/2/2010 - Conversion MIT - On 8/26/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 3-25-9-15). Permission was given at that time to perform the test on 8/26/2010. On 8/30/2010 the csg was pressured up to 1340 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 440 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-32945

Finalized

Daily Cost: \$0

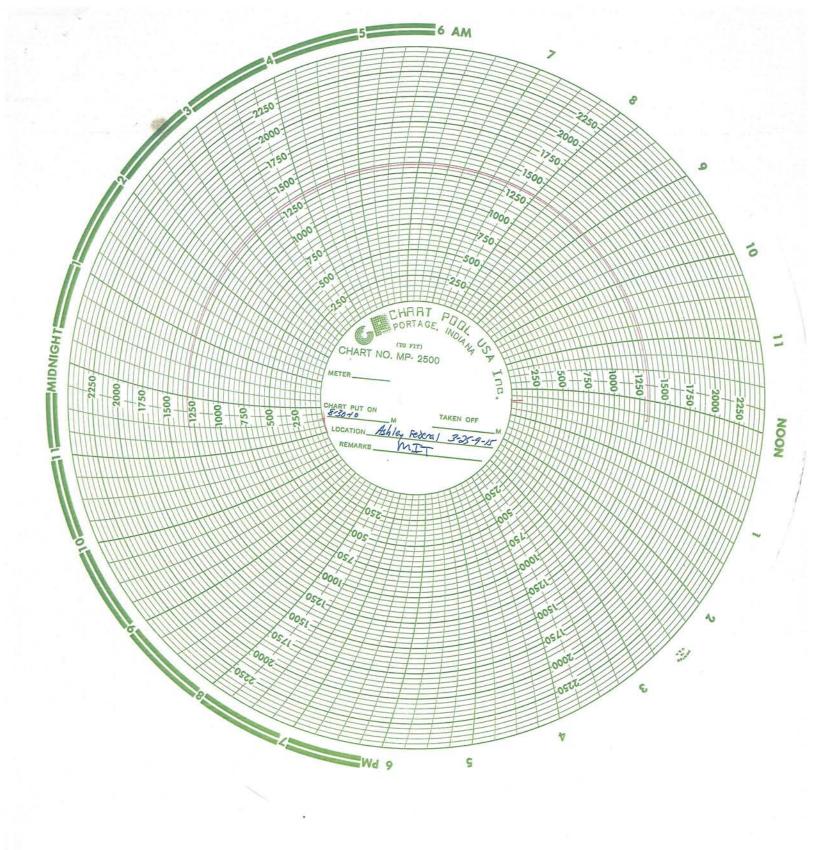
**Cumulative Cost:** (\$27,985)

**Pertinent Files:** Go to File List

# Mechanical Integrity Test Casing or Annulus Pressure Test

## Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

		•
Witness: Dennis Fragen	Date 8 130110	Time 10:45
Test Conducted by: Koway	Cloward	<u></u>
Others Present:	O(0000.0	
	<u> </u>	
Well: Ash by federal 3-25-9-15	Field: New P	rield Monument But
Well Location: Ashler Federal 3-25-9-1. NEINW Sec 25, 795, 875 B Duchesne County, 11 UTU87	S API No: API	U3-013-32945
<u>Time</u>	<b>Casing Pressure</b>	
0 min	1340	psig
5	1 1 ·	psig
10		psig
15		psig
20	1340	psig
25	1340	psig
30 min	1340	osig
35		osig
40		osig
45		osig
50	· ·	osig
55	F	osig
60 min	F	osig
Tubing pressure:	440	osig
Result	Pass Fa	ii
Signature of Witness:	do Arm	
Signature of Person Condu	cting Test:	





# State of Utah

#### **DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

#### UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-342

**Operator:** 

Newfield Production Company

Well:

Ashley Federal 3-25-9-15

Location:

Section 25, Township 9 South, Range 15 East

County:

Duchesne

API No.:

43-013-32945

Well Type:

Enhanced Recovery (waterflood)

#### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 4, 2008.

2. Maximum Allowable Injection Pressure: 1,995 psig

3. Maximum Allowable Injection Rate: (restricted by pressure limitation)

4. Injection Interval: Green River Formation (3,637' – 5,630')

5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

Randy Thackeray

Acting Associate Director

Date

RT/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Wells Draw



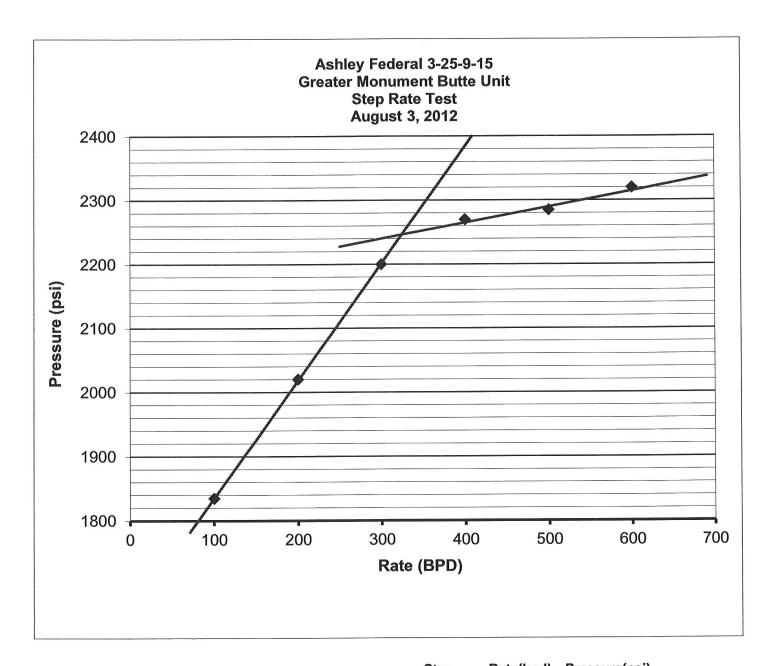
#### STATE OF UTAH

(This space for State use only)

	5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66185					
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for proposals to dril wells, or to drill horizonta	7. UNIT of CA AGREEMENT NAME: GMBU					
OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: ASHLEY FEDERAL 3-25-9-15			
23 NAME OF OPERATOR: NEWFIELD PRODUCTION COM	DANIN		9. API NUMBER: 4301332945			
3 ADDRESS OF OPERATOR:	FANI	PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:			
Route 3 Box 3630	CITY Myton STATE UT	ZIP 84052 435.646.3721	GREATER MB UNIT			
4: LOCATION OF WELL: FOOTAGES AT SURFACE: 716 FNL 20	)29 FWL	<b>1</b>	COUNTY: DUCHESNE			
OTR/OTR. SECTION. TOWNSHIP, RANGE.	MERIDIAN: NENW, 25, T9S, R15E		STATE: UT			
CHECK APPROF	PRIATE BOXES TO INDICATE	NATURE OF NOTICE, REP	PORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
the day	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION			
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL			
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON			
1 marks	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR			
10/09/2010	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR			
ili congression proper	CHANGE VELL NAME	PLUG BACK	WATER DISPOSAL			
SUBSEOUENT REPORT (Submit Original Form Only)	I=	PRODUCTION (START/STOP)	WATER SHUT-OFF			
Date of Work Completion:	CHANGE WELL STATUS	=	TOTHER: - Put on Injection			
76 4 45	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE				
m/ phylinia a-	X CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	N .			
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above reference well was put on injection at 2:30 PM on 10/09/2010.						
NAME (PLEASE PRINT) Lucy Chavez-I	Vaupoto	TITLE Administrative A	Assistant			
SIGNATURE Lucy C	On-Up	DATE10/12/2010				

RECEIVED OCT 1 4 2010

		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185	
SUNDF	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: ASHLEY FED 3-25-9-15	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		<b>9. API NUMBER:</b> 43013329450000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER: xt	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0716 FNL 2029 FWL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 25 Township: 09.0S Range: 15.0E Meridian	: S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	T, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
A step rate test wa Results from the te Therefore, Newfield	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF	I on August 3, 2012. Idient is 0.942 psi/ft. m allowable injection	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  APD EXTENSION  OTHER: Step Rate Test  Depths, volumes, etc.  Accepted by the Utah Division of Oil, Gas and Mining  Date: August 08, 2012  By:	
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE		
Lucy Chavez-Naupoto  SIGNATURE	435 646-4874	Water Services Technician  DATE		
N/A		8/7/2012		



			Step	Rate(bpd)	Pressure(psi)_
Start Pressure: 17	735	psi '	1	100	1835
			2	200	2020
Top Perforation: 44	472	feet	3	300	2200
Fracture pressure (Pfp): 22	245	psi	4	400	2270
<b>FG</b> : 0.	942	psi/ft	5	500	2285
			6	600	2320

**Data Table Report** 

Device:

Report Name: PrTrans1000IS Data Table Report Date: 08/06/2012 08:08:30

File Name: C:\Program Files\PTC® Instruments 2.03.12\
Ashley Federal 3-25-9-15 SRT (8-3-2012).csv

PrTrans1000IS - Pressure Transient Recorder

Hardware Revision: REV2 (512K)
Serial Number: N83561
Device ID: PRT1K

Data Start Date: Aug 03, 2012 07:30:00.000 AM MDT Data End Date: Aug 03, 2012 02:00:00.000 PM MDT

Reading: 1 to 79 of 79
Reading Rate: 0.100 Seconds
Last Calibration Date: Jul 05, 2012
Next Calibration Date: Jul 05, 2013
Next Calibration Date: Jul 05, 2013

#### Ashley Federal 3-25-9-15 SRT (8-3-2012)

Unit Type	deral 3-25-9-15 SRT (8-3-2012 (All Units)	
Reading	DateTime (MDT)	Channel 1 PSIA
1	Aug 03, 2012 07:30:00 AM	1740
2	Aug 03, 2012 07:34:59 AM	1740
3	Aug 03, 2012 07:40:00 AM	1740
4	Aug 03, 2012 07:44:59 AM	1735
5	Aug 03, 2012 07:50:00 AM	1735
6	Aug 03, 2012 07:54:59 AM	1735
7	Aug 03, 2012 08:00:00 AM	1735
8	Aug 03, 2012 08:05:00 AM	1785
9	Aug 03, 2012 08:10:00 AM	1795
10	Aug 03, 2012 08:15:00 AM	1805
11	Aug 03, 2012 08:19:59 AM	1810
12	Aug 03, 2012 08:25:00 AM	1815
13	Aug 03, 2012 08:29:59 AM	1820
14	Aug 03, 2012 08:35:00 AM	1820
15	Aug 03, 2012 08:39:59 AM	1825
16	Aug 03, 2012 08:45:00 AM	1825
17	Aug 03, 2012 08:50:00 AM	1825
18	Aug 03, 2012 08:55:00 AM	1830
19	Aug 03, 2012 09:00:00 AM	1835 <sup>*</sup>
20	Aug 03, 2012 09:04:59 AM	1920
21	Aug 03, 2012 09:10:00 AM	1950
22	Aug 03, 2012 09:14:59 AM	1965
23	Aug 03, 2012 09:20:00 AM	1975
24	Aug 03, 2012 09:24:59 AM	1985
25	Aug 03, 2012 09:30:00 AM	1995
26	Aug 03, 2012 09:35:00 AM	2000
27	Aug 03, 2012 09:40:00 AM	2000
28	Aug 03, 2012 09:45:00 AM	2010
29	Aug 03, 2012 09:49:59 AM	2015
30	Aug 03, 2012 09:55:00 AM	2015
31	Aug 03, 2012 09:59:59 AM	
32	Aug 03, 2012 10:05:00 AM	
33	Aug 03, 2012 10:09:59 AM	
34	Aug 03, 2012 10:15:00 AM	2130
35	Aug 03, 2012 10:20:00 AM	
36	Aug 03, 2012 10:25:00 AM	
37	Aug 03, 2012 10:30:00 AM	
38	Aug 03, 2012 10:34:59 AM	
	3 ,	

Printed - 8/6/2012 Page 1

Ashley Federal 3-2	25-9-15 SRT	(8-3-2012)
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Unit Type Reading	(All Units) DateTime (MDT)	Channe
reading	Date i lille (MDT)	PSIA
39	Aug 03, 2012 10:40:00 AM	
40	Aug 03, 2012 10:44:59 AM	
41	Aug 03, 2012 10:50:00 AM	
42	Aug 03, 2012 10:54:59 AM	
43	Aug 03, 2012 11:00:00 AM	2200
44	Aug 03, 2012 11:05:00 AM	
45	Aug 03, 2012 11:10:00 AM	2250
46	Aug 03, 2012 11:15:00 AM	2255
47	Aug 03, 2012 11:19:59 AM	2260
48	Aug 03, 2012 11:25:00 AM	2265
49	Aug 03, 2012 11:29:59 AM	2275
50	Aug 03, 2012 11:35:00 AM	2265
51	Aug 03, 2012 11:39:59 AM	2260
52	Aug 03, 2012 11:45:00 AM	2260
53	Aug 03, 2012 11:50:00 AM	2270
54	Aug 03, 2012 11:55:00 AM	2255
55	Aug 03, 2012 12:00:00 PM	2270
56	Aug 03, 2012 12:04:59 PM	2290
57	Aug 03, 2012 12:10:00 PM	2285
58	Aug 03, 2012 12:14:59 PM	2305
59	Aug 03, 2012 12:20:00 PM	2285
60	Aug 03, 2012 12:24:59 PM	
61	Aug 03, 2012 12:30:00 PM	
62	Aug 03, 2012 12:35:00 PM	
63	Aug 03, 2012 12:40:00 PM	
64	Aug 03, 2012 12:45:00 PM	
65	Aug 03, 2012 12:49:59 PM	
66	Aug 03, 2012 12:55:00 PM	
67	Aug 03, 2012 12:59:59 PM	
68	Aug 03, 2012 01:05:00 PM	
69	Aug 03, 2012 01:09:59 PM	
70	Aug 03, 2012 01:15:00 PM	
71	Aug 03, 2012 01:20:00 PM	
72	Aug 03, 2012 01:25:00 PM	
73	Aug 03, 2012 01:30:00 PM	
74	Aug 03, 2012 01:34:59 PM	
75	Aug 03, 2012 01:40:00 PM	
76	Aug 03, 2012 01:44:59 PM	
77	Aug 03, 2012 01:50:00 PM	
78	Aug 03, 2012 01:54:59 PM	
79	Aug 03, 2012 02:00:00 PM	

**End of Report** 

**Data Table Report** 

Report Name: PrTrans1000IS Data Table 08/06/2012 08:08:42

Report Date: C:\Program Files\PTC® Instruments 2.03.12\A File Name:

shley Federal 3-25-9-15 ISIP (8-3-2012).csv

PrTrans1000IS - Pressure Transient Recorder Device:

Hardware Revision: REV2 (512K) N83561 Serial Number: PRT1K Device ID:

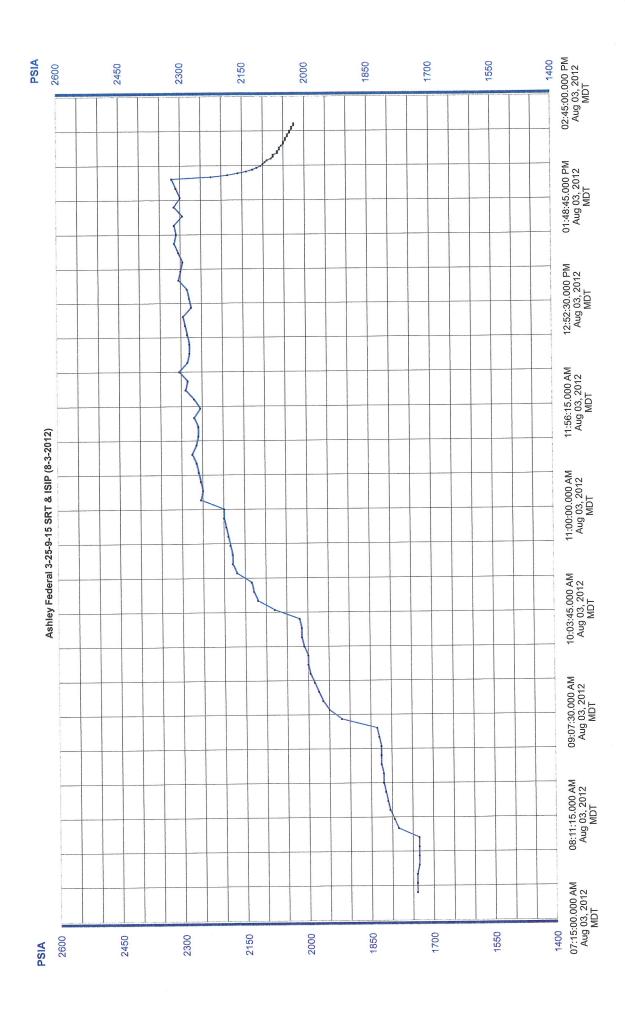
Aug 03, 2012 02:00:13.000 PM MDT Data Start Date: Aug 03, 2012 02:30:13.000 PM MDT Data End Date:

1 to 31 of 31 Reading: 0.100 Seconds Reading Rate: Jul 05, 2012 Last Calibration Date: Next Calibration Date: Jul 05, 2013 Jul 05, 2013 **Next Calibration Date:** 

Ashley Federal 3-25-9-15 ISIP (8-3-2012)

Unit Type	(All Units)	
Reading	DateTime (MDT)	Channel 1
	A	PSIA
1	Aug 03, 2012 02:00:13 PM	2320
2	Aug 03, 2012 02:01:13 PM	2225
3	Aug 03, 2012 02:02:12 PM	
4	Aug 03, 2012 02:03:13 PM	2160
5	Aug 03, 2012 02:04:13 PM	2140
6	Aug 03, 2012 02:05:12 PM	
7	Aug 03, 2012 02:06:13 PM	
8	Aug 03, 2012 02:07:13 PM	
9	Aug 03, 2012 02:08:13 PM	
10	Aug 03, 2012 02:09:13 PM	
11	Aug 03, 2012 02:10:13 PM	2090
12	Aug 03, 2012 02:11:13 PM	2080
13	Aug 03, 2012 02:12:13 PM	2075
14	Aug 03, 2012 02:13:13 PM	
15	Aug 03, 2012 02:14:13 PM	
16	Aug 03, 2012 02:15:12 PM	2065
17	Aug 03, 2012 02:16:13 PM	2060
18	Aug 03, 2012 02:17:13 PM	2060
19	Aug 03, 2012 02:18:12 PM	
20	Aug 03, 2012 02:19:13 PM	
21	Aug 03, 2012 02:20:13 PM	
22	Aug 03, 2012 02:21:12 PM	
23	Aug 03, 2012 02:22:13 PM	
24	Aug 03, 2012 02:23:13 PM	
25	Aug 03, 2012 02:24:13 PM	
26	Aug 03, 2012 02:25:13 PM	
27	Aug 03, 2012 02:26:13 PM	
28	Aug 03, 2012 02:27:13 PM	
29	Aug 03, 2012 02:28:13 PM	
30	Aug 03, 2012 02:29:13 PM	
31	Aug 03, 2012 02:30:13 PM	2025

**End of Report** 

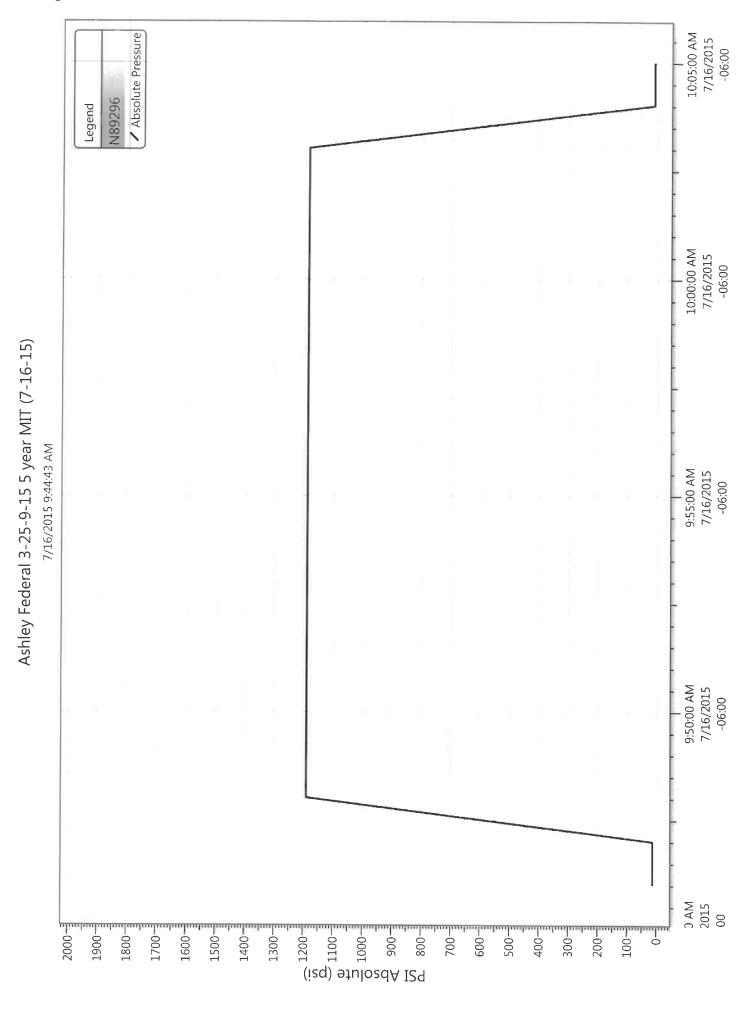


	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9	
1	DIVISION OF OIL, GAS, AND MINING	S .	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185	
SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	posals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal l n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: ASHLEY FED 3-25-9-15	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013329450000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		NE NUMBER: t	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0716 FNL 2029 FWL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 25 Township: 09.0S Range: 15.0E Meridian:	S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
On 07/13/2015 R contacted concer 07/16/2015 the cas 30 minutes with no test. The tubing pro	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR	Utah DOGM was ve listed well. On osig and charted for tinjecting during the e test. There was a	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  APD EXTENSION  OTHER: 5 YR MIT  DEPths, volumes, etc.  Accepted by the Utah Division of Oil, Gas and Mining  Date: July 20, 2015  By:	
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE		
SIGNATURE N/A	435 646-4874	Water Services Technician  DATE 7/17/2015		
IN//7		1/11/4UIJ		

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Richard Powell Test Conducted by: Michael	Date 7 1 16 1 15	Time 4:48 ampm
Others Present: Jereny Price		
-		
Well: Ashley Federal 3-25-9- Well Location: NE/NW Sec. 25, T93		nument Butte -013-32945
<u>Time</u>	Casing Pressure	
0 min	1190.2	psig
5	1184.4	psig
10	1188 - 6	psig
15	1188.0	psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
Tubing pressure:	1800	psig
Result:	Pass	ail
Signature of Witness:	the House	
Signature of Person Condu	ucting Test: Maked	18/2



#### **NEWFIELD Schematic** Well Name: Ashley 3-25-9-15 Surface Legal Location API/UWI ease 25-9S-15E 430133 450000 500159436 Utah **GMBU CTB3** Duchesne Spud Date Rig Release Date On Production Date Ground Elevation (ft) Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original KB Elevation (ft) Original Hole - 5,746.9 11/1/2006 6.158 6.146 9/21/2006 10/5/2006 Most Recent Job Primary Job Type Secondary Job Type Job Start Date Job End Date N/A 7/16/2015 7/16/2015 Testing TD: 5,775.0 Vertical - Original Hole, 7/27/2015 11:01:33 AM TVD MD (ftKB) (ftKB) Incl (°) DLS Vertical schematic (actual) DLS (° 0.0 - 0.712.1 12.1 0.1 322.2 322.2 0.4 1; Surface; 8.5/8 in; 8.097 in; 12-323 ftKB; 311.13 ft 323.2 323.2 0.4 2-1; Tubing; 2 7/8; 2.441; 12-4,401; 4,388.82 4,400.9 4.399.6 1.6 2-2; Seating Nipple; 2 7/8; 2.441; 4,401-4,402; 1.10 4,401.9 4,400.6 1.6 2-3; Arrowset 1-X packer; 5 1/2; 2.441; 4,402-4,409; 6.95 . . 4,408.8 4,407.5 1.6 2-4; WLEG; 2 7/8; 2.441; 4,409-4,409; 0.45 4,409.4 4,408.2 1.6 4,472.1 4,470.8 1.6 Perforated; 4,472-4,488; 10/25/2006 4,487.9 4.486.5 1.6 4,584.0 4.582.6 1.6 Perforated; 4,584-4,591; 10/25/2006 4,590.9 4 589 5 1.6 4,701.1 4,699.7 1.8 Perforated; 4,701-4,708; 10/25/2006 4,708.0 4,706.6 1.8 4,982.0 4,980.4 Perforated; 4,982-4,993; 10/18/2006 4,993.1 4,991.5 2.1 5,746.7 5,744.6 2.3 2.3 5,747.4 5,745.3 5,762.5 5.760 3 2.3 2; Production; 5 1/2 in; 4.950 in; 12-5,763 ftKB; 5,751.20 ft 2.3 5,763.1 5.761.0

5,774.9

www.newfield.com

5,772.8

2.3



### Newfield Wellbore Diagram Data Ashley 3-25-9-15

Surface Lega 25-9S-15							API/UWI 43013329450000		Lease	
County Duchesne	e			State/Province Utah	ce .		Basın		Field Name GMBU CTB3	
Well Start Da	ate			Spud Date			Final Rig Release Date		On Production Date	
Original KB E		/2006 Ground Eleva	tion (ft)	Total Depth (		/2006	10/5/ Total Depth All (TVD) (ftKB	(2006	11/1. PBTD (All) (ftKB)	2006
Oliginal No c	6,158		6,146		ince)	5,775.0	Total Deput All (TVB) (IIXO)		Original Hole - 5,746.9	
Casing S	trings									
		Des			Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface				9/21/2006		8 5/8	8.097	24.00		323
Productio	n			10/5/2006	3	5 1/2	4.950	15.50	J-55	5,763
Cement										
		3ftKB 9/2	5/2006				IT 0 640	YO		
Cementing C BJ Servic	ompany es Compa	nv					Top Depth (ftKB)	Bottom Depth (ftK8) 323.1	Full Return?	Vol Cement Ret (bbl)
Fluid Descrip	otion				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
		#/sk Cello-		00			Lead	160	IG	12.0
String: Pi Cementing C		, 5,763ftKE	10/5/20	<u> </u>			Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Servic	es Compa	ny					12.0	5,775.0		· ·
Fluid Descrip		^{^{}} 3#'e/e	k CSE + 1	2# ck/knlse		s/sk Cello Flake	Fluid Type Lead	Amount (sacks)	Class PL II	Estimated Top (ftKB) 12.0
Fluid Descrip		, J# 3 /3		LIF SKIRUISE	:/ <del>****</del>	JON CORD   IGNE	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
		CL, .5%EC	1,1/4# sk (	C.F. 2% ge	I. 3% SM		Tail	400	50/50 Poz	3,000.0
Tubing S Tubing Descr							Run Date		Set Depth (ftKB)	
Tubing	- puor							/2010	Our OCP III (IIII.D)	4,409.3
	It <b>e</b> m Des		Jts 420	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	C1-		139	2 7/8	2.441	6.50	{	4,388.82	12.0	4.400.8
Seating N				2 7/8 5 1/2	2.441 2.441	6.50	J-55 J-55	1.10 6.95	4,400.8 4,401.9	4,401.9
WLEG	1-X packer	'		2 7/8	2.441	6.50		0.45	4,401.9	4,408.9 4,409.3
Rod Strin	าตร			2 770	2.771	0.30	0-33	0.43	1 4,400.3	4,403.0
Rod Descript	. 7				<del></del>		Run Date		Set Depth (ftKB)	
	llom Dea		Ita		(in)	124 (th/fe)	Grade	1 20 (4)	Top (4KC)	Db- (8VD)
<del></del>	Item Des		Jts	1	(in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Perforation	on Interva	is		1				<u> </u>	L	
Stage#		Zone		Тор	ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
	1	iginal Hole			4,472	4,488	4	90		10/25/2006
	1	riginal Hol			4,584	4,591	4	90		10/25/2006
	1	riginal Hol s, Original			4,701 4,982	4,708 4,993	4	90 1 <b>20</b>	į	10/25/2006 10/18/2006
	ons & Tre		TOLE	1	4,302	4,993	<u> </u>	120	0.400	10/16/2000
	ge#	IS!P	(psi)	Frac Grad	ient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	'		2,680		0.97	29.5	2,870			
			2,700		1.01	25.1	2,770			
2			2.025	i	0.88	25.3				
3			2,025						1	
3 <b>4</b>			2,025		0.96	25.1	2,550	L	<u> </u>	
3 <b>4</b>		Total Pron \	2,325	<u> </u>	0.96	25.1	2,550			
3 4 Proppant Sia	t ge#	Totai Prop \	2,325					d Amount		
3 4 Proppant Sta 1			2,325	Proppant	White Sar	nd 59272 lb		d Amount		
3 4 Proppant Sta 1 2			2,325	Proppant Proppant	White Sar White Sar	nd 59272 lb nd 29486 lb		d Amount		
2 3 4 Proppant Sta 1 2 3 4			2,325	Proppant Proppant Proppant	White Sar White Sar White Sar	nd 59272 lb		d Amount		